

❖ ❖ FOURTH ANNUAL CATALOGUE ❖ ❖

STANDARD POULTRY SUPPLIES



THE BEST OF EVERYTHING
FOR POULTRYMEN

❖
CYPHERS INCUBATOR CO.,
— FACTORY & HOME OFFICE —
BUFFALO, N. Y., U. S. A.

❖ BRANCH HOUSES ❖
❖ CHICAGO ❖ NEW YORK ❖ BOSTON ❖

INDEX

	PAGE		PAGE
Albany Poultry Food Cooker.....	30	Ideal Aluminum Leg Bands.....	23
Aluminum Leg Bands, Ideal.....	23	Ideal Paper Egg Boxes.....	28
Anti-Fly Pest, Cyphers.....	20	Imperial Packages.....	27
Anti-Lice Roost Hangers.....	14	Incubators, Cyphers.....	2
Aspinwall Spray Pumps.....	32	Incubator Thermometers, Cyphers.....	26
Banner Root Cutters.....	30	Jumbo Powder Gun.....	25
Blood Meal.....	10	Knife, Poultry Killing.....	25
Beef Scraps, High Protein.....	10	Lambert's Death to Lice.....	15
Blood Meal.....	11	Laying Food, Cyphers.....	8
Bone Cutters, Mann's.....	29	Lee's Egg Maker.....	18
Bone, Granulated.....	10	Lee's Lice Killer.....	16
Bone Meal, Raw.....	10	Leg Bands, Champion.....	23
Books, Poultry.....	37-40	Leg Bands, Ideal Aluminum.....	23
Boxes, Cyphers Sanitary Self-Feeding.....	21	Library, Cyphers Poultry.....	37
Brooder-House Heaters.....	4	Lice Paint, Cyphers.....	16
Brooder, Metal Parts for Cyphers.....	5	Lice Powder, Cyphers.....	15
Brooder Stoves, Cyphers Safety.....	23	Mann's Green-Bone Cutters.....	29
Brooder Thermometers.....	23	Mann's Clover Cutter.....	29
Brooders, Sectional.....	3	Marker, Cyphers Perfect.....	24
Brooders, Style A, Outdoor.....	3	Marker, Philadelphia Poultry.....	24
Brooders, Style B, Indoor.....	3	Metal Parts, Brooder.....	5
Candles, Sulphur Fumigating.....	20	Mill, Dry Bone and Shell.....	31
Caponizing Instruments.....	14	Mill, Farm.....	31
Caps, Tin Roofing.....	33	Mill, Tennessee Grinding.....	31
Cataract Compressed-Air Sprayer.....	32	M. M. S. Poultry Fencing.....	35
Champion Leg Bands.....	23	Nails, Roofing.....	33
Charcoal.....	11	Napcreol.....	17
Chick Food, Cyphers.....	7	Neponset Roofing Paper.....	33
Chick Shelter, Cyphers.....	5	Nest Eggs, Ovinaphthol.....	23
Clover Cutter, Mann's.....	29	Nest Eggs, Porcelain.....	25
Clover, Cyphers Mealed.....	9	Nests, Wire.....	26
Clover, Cyphers Short Cut.....	9	Nests, Pedigree Trap.....	26
Clover, Cyphers Shredded.....	9	New Model Brood Coop.....	5
Colony Houses, Cyphers.....	6	Niagara Leg Bands.....	24
Complete Grit, Cyphers.....	11	Ortolo Farm and Grist Mill.....	31
Conkey's Roup Cure.....	19	Ovinaphthol Nest Eggs.....	23
Cooker, Albany Poultry Food.....	30	Oyster Shells, Superior Crushed.....	12
Cooker, Granite State.....	30	Pearl Grit.....	12
Coops, Cyphers Shipping.....	23	Pedigree Egg Trays, Cyphers.....	5
Cramming Machines.....	31	Pedigree Trap Nests.....	26
Cups, Cyphers Food and Water.....	25	Porcelain Nest Eggs.....	25
Death to Lice, Lambert's.....	15	Portable Houses.....	6
Drinking Fountains, Cyphers.....	22	Poultry Books.....	37-40
Dry Food Hopper, Cyphers.....	21	Poultry Library, Cyphers.....	37
Electric Regulators.....	4	Poultry Netting, Cyphers Hexagon.....	34
Egg Carriers, Wire.....	28	Poultry, Prices of.....	36
Egg Cases, Cyphers.....	27	Poultry Remedies.....	18
Egg Maker, Lee's.....	13	Powder Gun, Jumbo.....	25
Egg Stimulant, Cyphers.....	13	Pratts Poultry Food.....	13
Egg Tester, Cyphers Practical.....	25	Prices of Poultry and Eggs.....	36
Egg Tester, X-Ray.....	25	Reclining Thermometers.....	26
Egg Trays, Pedigree.....	5	Regulators, Electric.....	4
Eggs, Prices of.....	36	Remedies, Poultry.....	18
Engines, Gas.....	31	Roofing Caps, Tin.....	33
Farm Mill.....	31	Roofing, Cyphers Red Rope.....	33
Food and Water Cups, Cyphers.....	25	Roofing, Plinkote.....	33
Fence Staples.....	34	Roofing Nails.....	33
Flintkote Roofing.....	33	Roost Hanger, Anti-Lice.....	14
Fly Pest, Cyphers Anti.....	20	Root Cutter, Banner.....	30
Food and Water Holders, Hallock's.....	22	Roup Cure, Conkeys.....	19
Food Hopper, Cyphers Dry.....	21	Roup Cure, Cyphers.....	19
Food, Cyphers Chick.....	7	Scratching Food.....	8
Food, Cyphers Forcing.....	8	Seeds and Grains.....	11
Food, Cyphers Laying.....	8	Self-Feeding Boxes, Cyphers Sanitary.....	21
Food, Cyphers Scratching.....	8	Shipping Coops, Cyphers.....	28
Fountains, Cyphers Wall.....	21	Simplex Cramming Machine.....	31
Fountains, Cyphers Galvanized Iron Drinking.....	22	Staples, Fence.....	34
Galvanized Wire Cloth.....	34	Stoves, Cyphers Safety Brooder.....	23
Gape Worm Extractors.....	24	Sprayer, Cataract Compressed Air.....	32
Gas Engines.....	31	Spray Pumps, Aspinwall.....	32
Grains, Seeds and.....	11	Spray Pumps, Low Priced.....	32
Granite State Cooker.....	30	Sulphur Candles, Cyphers.....	20
Grinding Mill, Tennessee.....	31	Thermometers, Brooder.....	26
Grit Boxes, Cyphers Sanitary Self-Feeding.....	21	Thermometers, Incubator.....	26
Grit, Cyphers Complete.....	11	Thermometers, Reclining.....	26
Grit, Mann's Granite Crystal.....	12	Tin Roofing Caps.....	33
Grit, Pearl.....	12	Union Lock Poultry Fencing.....	35
Hallock's Food and Water Holder.....	22	Wall Fountains, Cyphers.....	21
Hexagon Poultry Netting, Cyphers.....	34	Water-Proof Sheetting.....	4
High Protein Beef Scraps, Cyphers.....	10	Wire Cloth, Galvanized.....	34
Houses, Cyphers Colony.....	6	Wire Egg Carriers.....	28
Houses, Portable.....	6	Wire Nests.....	26
		Wood's Revolving Egg Cabinets.....	27

To Poultry Keepers Everywhere.

In the following pages will be found described and priced a full line of Standard Poultry Supplies. By "standard" we mean the best manufactured, the best known. We sell the best of everything for the poultryman—Incubators, Brooders, Poultry Books, Scientifically-Mixed Foods, Grit, Shells, Bone Cutters, Mills, Cookers, Insecticides, Poultry Remedies, etc., etc. With years of experience, back of us, and a wide personal acquaintance, we are able to select articles known by practical, successful poultrymen to be the best. Only goods of known merit, tested in practical use and endorsed by experience, have been listed in this catalogue of poultry-keeper's supplies. We guarantee them to be the best.

The best poultry supplies, like the best incubators and brooders, are really the cheapest. "Whatever is worth doing at all is worth doing well"; but one cannot do his best with poor tools. Better do less and do it well; better have less and have it of the best—the best suited to the task, the best calculated to bring you success. In no line of work is this truer than of poultry raising. Success with poultry absolutely depends upon one's doing the right thing, in the right way, at the right time. Handicapped by poor tools, indifferent care, insecure quarters and improper food, a full measure of success and the best profit are out of the question.

The Cyphers Incubator Company believes in the best. It builds, buys, sells and preaches "the best," for the good and sufficient reason that to have the best pays best, because it is the most useful, the most helpful, the most profitable. We have adhered to this rule in accepting the agency for, and in listing, the poultry supplies described in this catalogue. Invariably the higher price brings the better goods. Everywhere, in every line, quality commands a market at a fair price; lower prices mean less value, for no manufacturer sells his goods at a loss. Our sincere advice is: "Buy the best that is offered, the standard article, if you can afford it, and we believe you can." It is our aim to handle everything for the poultryman, from the cheapest that is good to the best that is made.

Address all correspondence, except that relating to agency and wholesale business, to our nearest office and salesroom—Buffalo, N. Y., Chicago, Ill., New York City, or Boston, Mass.

Club Orders.—Purchasers will find it greatly to their advantage to club together and purchase in quantities, thus saving freight as well as securing our lowest quantity price. The saving on such articles as Grit, Oyster Shells, Chick Food, Forcing Food, Scraps, etc., etc., will be considerable.

In ordering, please use the order blanks furnished by us. By so doing you assist us to make prompt shipments, and insure yourself against mis-shipments. Any special instructions should be made on a separate sheet from the order blank.

Remittances, should be made either in the form of an express money order, post-office money order, bank draft or registered letter. Do not send personal checks.

No goods will be sent C. O. D. unless 50 per cent. of the amount accompanies the order. Cash in full must be sent for shipments to be made by mail.

Special Notice.—All prices in this catalogue are subject to change without notice, following the fluctuations of the market. Few changes, however, are to be expected. All prices previously quoted are hereby withdrawn.

Soliciting a share of your valuable patronage, we are.

Very respectfully

CYPHERS INCUBATOR COMPANY.

FACTORY AND EXECUTIVE OFFICES { Cor. Court and Wilkeson Streets,
Buffalo, N. Y., U. S. A.

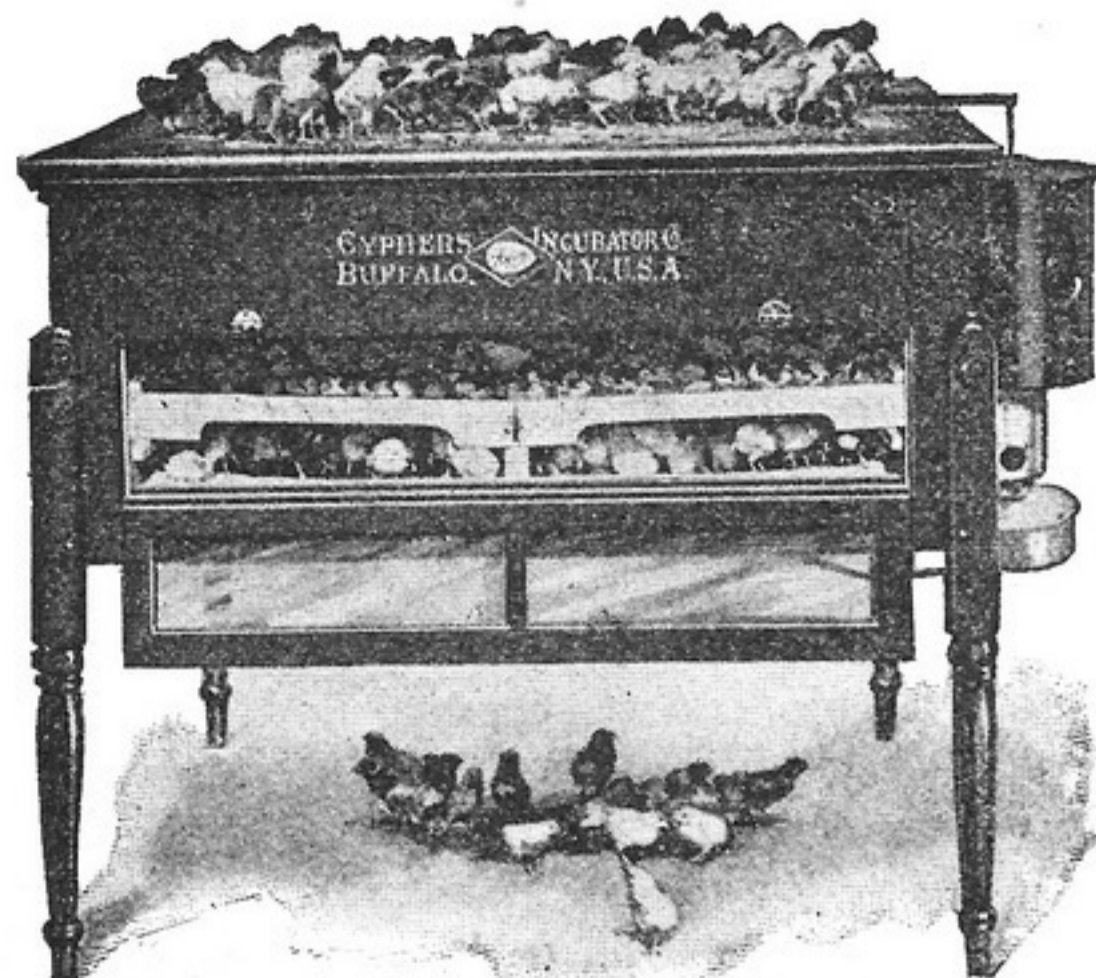
BRANCH HOUSES:

CHICAGO, ILLINOIS.
310 Fifth Ave.

NEW YORK CITY,
21-23 Barclay St.

BOSTON, MASSACHUSETTS,
34 Merchants Row.

THE CYPHERS INCUBATORS



No. 2—220 Egg Cyphers Incubator.

THE CYPHERS IS THE ONLY INCUBATOR THAT IS POSITIVELY GUARANTEED TO DO SATISFACTORY WORK IN THE HANDS OF EVERY PURCHASER WHO WILL GIVE IT A FAIR TRIAL.

The Cyphers Guaranty

Additional to the warrant given below, each and every genuine Cyphers Incubator sold by us or by our authorized agents is positively guaranteed by us as follows:

FIRST—To produce larger, stronger, and healthier chicks or ducklings than any other style or make of Incubator.

SECOND—That where it is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a larger average percentage of the fertile eggs in good healthy chicks or ducklings than does its competitor.

THIRD—That each and every incubator we send out will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us in 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

In other words, we guarantee that the Cyphers Incubator will do satisfactory work in your hands—not simply that it has done so for someone else in time past, or may do so in the future. Our transaction is with you. The position that we take is that if you exercise the necessary intelligence to discriminate between the Cyphers and a cheap, inferior make of incubator, we will guarantee that you have sufficient judgment to operate the Cyphers with success. On these terms you buy a certainty when you buy the Cyphers.

The Cyphers Warrant

The Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self-Regulating Incubators, manufactured and sold under registered trade-mark, are warranted by us as follows:

FIRST—To require no supplied moisture, thus solving and disposing of the troublesome "moisture question."

SECOND—To be self-ventilating, the air in the egg chamber remaining sweet and pure.

THIRD—To be so constructed that the temperature in the egg chamber is more uniform and equable than in any other incubator.

FOURTH—To be self-regulating, being equipped with the most sensitive, accurate and durable regulator thus far invented.

FIFTH—To be precisely as represented in construction, materials and workmanship, and with reasonable care, to last ten years without repairs.

SIXTH—To operate with less oil and at less expense than any other make of incubator, and to be as free from offensive odors as an ordinary house lamp.

SEVENTH—To be easy to set up, hence the most satisfactory incubator for the novice, and to be strictly automatic in operation, except the trimming of the wick, filling the lamp and turning the eggs.

EIGHTH—To be in all essentials the simplest and easiest to operate and control, requiring less labor and less attention than any other style or make of incubator in the world.

FOR FULL PARTICULARS concerning Cyphers Incubators and Brooders and other poultrymen's necessities, send ten cents to pay cost of mailing large main catalogue. One hundred and ninety-six pages, 8 x 11 inches in size, fully illustrated, entitled "Poultry Keeping for Profit." This catalogue, positively will not be sent unless you forward postage. Thirty-two page descriptive circular and price list free.

Sizes and Prices, Cyphers Incubators.

No. 0, 60-egg.....	\$14.00	No. 2, 220-egg.....	\$29.00
No. 1, 120-egg.....	20.00	No. 3, 360-egg.....	37.00

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Unequaled Three-Apartment Brooder, Style A.

Next to its incubator, the Cyphers Company prides itself on the three-apartment outdoor brooder it manufactures. We unhesitatingly pronounce this to be the best brooding device on the market for *either indoor or outdoor use*. Briefly, the special merits of this brooder are:

FIRST—It is the largest single-flock popular-priced brooder on the market.

SECOND—It is rain-proof and storm-proof, having a heavy tin-covered roof.

THIRD—It is fire-proof and is heated by a Cyphers Safety Brooder Stove instead of a lamp.

FOURTH—The stove is safe and trustworthy.

FIFTH—The fumes of the stove cannot get into the chick chamber.

SIXTH—The brooder stove is easy to get at.

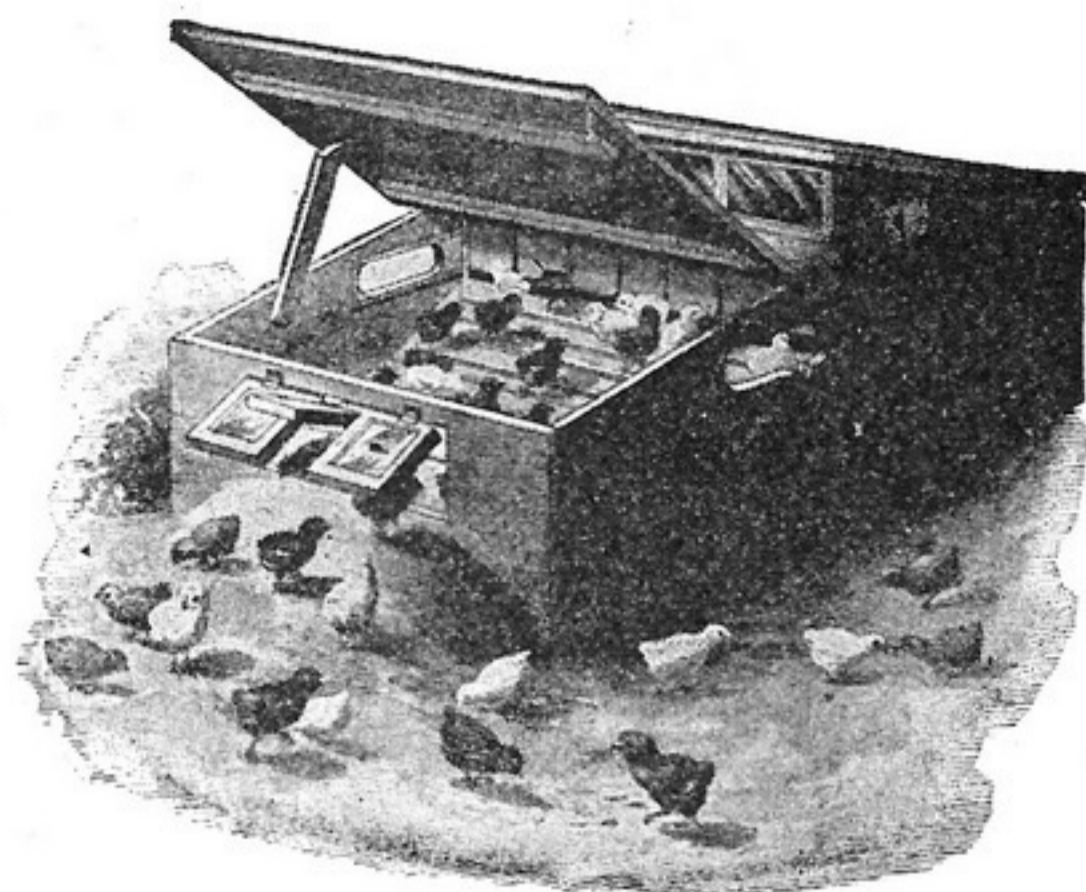
SEVENTH—The cylindrical chick guard prevents crowding and keeps the chicks from coming in contact with the heat dome.

EIGHTH—When the temperature under the hover is 90 degrees, the temperature just outside the hover is 85 degrees, while in the front apartment it will average several degrees lower. The chicks may therefore suit themselves, going to and from the heat at will.

NINTH—There are no stairs to climb, and so no danger of little chicks getting lost and chilled while learning the way.

TENTH—It is the most desirable and best made outdoor brooder on the market, regardless of price.

This is positively the best outdoor brooder in all particulars that the Cyphers Company knows how to build. Quantity and quality of material and workmanship considered, we guarantee it to be the cheapest and best outdoor brooder on the market. It is sold with the explicit understanding that if any other outdoor brooder can be bought that represents as much value and will do as good work, this brooder can be returned in good condition, and the purchase price will be refunded.



Three-Apartment Cyphers Unequaled Outdoor Brooder, Style A (Front View).

Price.....\$12.00

Standard Size Cyphers Indoor Brooder, Style B.

The Cyphers Indoor Brooder, Style B, for indoor use exclusively, is standard in size (36 inches square) and first-class in every respect. It is durably built out of high-grade materials, yet money has not been wasted on it in any particular. This brooder should be used in a warmly-built poultry house, a room in a dwelling or a stable, or in a regular brooding house built for the purpose. Price of Cyphers Indoor Brooder, Style B, \$10.00.

The Cyphers Sectional Brooders

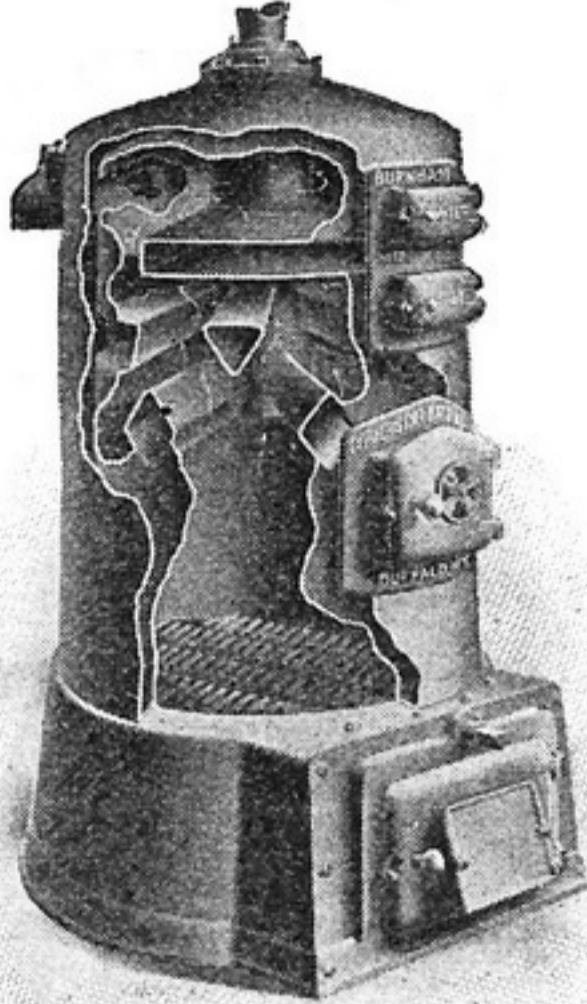
The Cyphers Sectional Brooders, made in three sizes, are two, three and four-section, each section being three feet long, three feet two inches wide and eleven inches high; and they embody several important improvements over other makes of sectional brooders on the market. The floor of the Cyphers Sectional Brooder is adjustable, so that it can be raised up to within a few inches of the hot water pipes, or lowered, as desired, for the larger and older chicks. When the floor is raised, a runway extends down to the floor of the house, which serves a double purpose. It can, and should, be closed on cold nights, thus not only preserving the heat in the brooder and keeping the chicks from wandering away from the heat but also making the brooder absolutely rat-proof. No other sectional brooder on the market has these advantages. To obtain good results in cold weather, all sectional brooders must be run in a room or building where the temperature can be maintained at, and will not fall below, 60 degrees. These brooders are not made for use in a cold building without auxiliary heat. A temperature of 60 degrees outside the brooder is necessary for the comfort of the chicks. Price, complete and ready for service, two-section, \$18.00; three-section, \$23.00; four-section, \$28.00.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Hot Water Heaters for Brooder Houses

Realizing the importance of well constructed and equipped brooder houses, we have spent considerable time and money getting into a position to give the poultry public valuable advice on brooder house construction, and especially on the installation of suitable heaters and heating outfits. Few poultrymen stop to consider that in the brooder house their efforts are turned into success or failure.

In deciding upon capacity and expenditure for heating apparatus it is not wise to chance any loss by purchasing heaters unsuitable for the work in order to save a few dollars. We have manufactured for our customers a line of boilers especially designed for brooder house work. (See cuts.)



Sectional View.

The boiler above the base is cast in one piece, insuring durability, as there are no joints of any description to rust out or leak.

The fire surface consists chiefly of a series of arms and a crown sheet, all having an upward rise from the sides to a central waterway, which extends from the lower tier of arms to the top of the boiler.

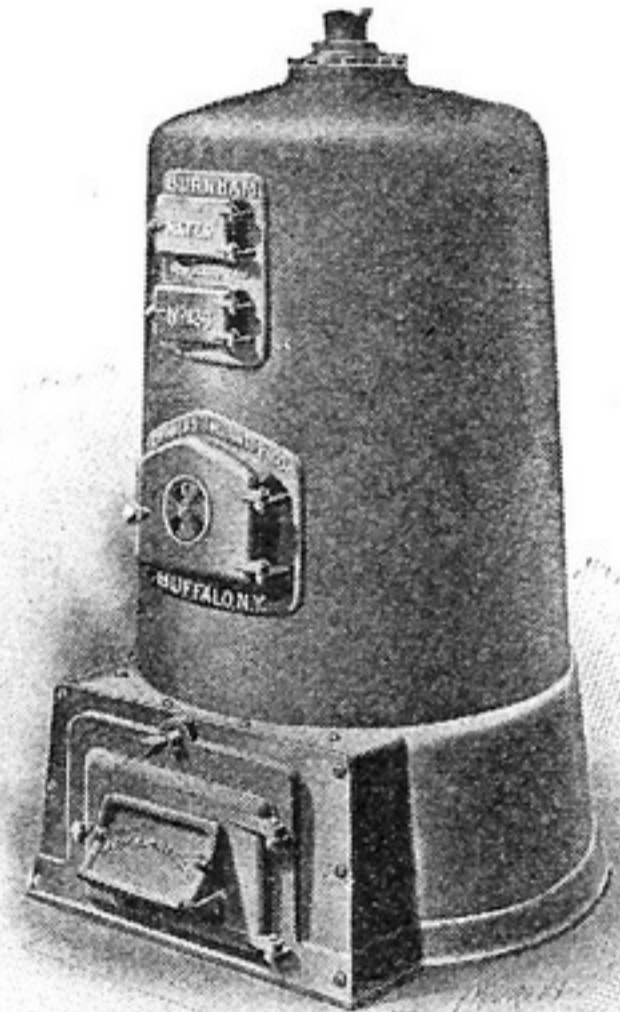
The products of combustion rise, and, after striking against and surrounding all of the arms, pass out of the combustion chamber through an opening in the crown sheet, thence following the return flue around the central waterway out into the smoke flue.

The large direct fire and flue surface, combined with the rapid circulation of water, insure the maximum of economy and efficiency.

All surfaces exposed to the flames and gases are surrounded by water, thus eliminating entirely any danger of warping or burning out. The firepot is unusually deep, giving large space above the coal for the perfect combustion of the gases. The grates are of our anti-clinker, shaking and dumping pattern, strong and durable, and so constructed that the air circulates freely around every part. Cleaning doors are provided in the front of the boiler, affording access for cleaning every part

where there is liable to be an accumulation of soot or ashes. These boilers are adapted for hard and soft coal, coke or wood. We take pleasure in figuring out for our customers the size of boiler and the number and size of pipes best suited to their needs. In writing for this information state the size of house or the greatest number of chicks to be brooded at any one time, also whether the house will be used for brooding chicks or ducklings, and whether the birds being brooded are intended for broilers, egg production, market poultry or otherwise. In advising what heater and pipes are best adapted to your needs we will, at the same time, quote prices on the complete outfit or on the heaters singly, if you ask us to do so.

We have recently issued a book, entitled "POULTRY PLANT CONSTRUCTION." (See description on page 40.) The book treats at length on brooder house heaters, etc., containing full page drawings and exact schedules of material required for buildings of given size, also drawings and itemized bills of material for hot water equipment for the same size buildings. The price of this book is \$1.00.



Cyphers Hot Water Heater.

Electric Regulator for Brooder Houses

Can be applied to any hot-water heating system. No poultryman should attempt to run a nursery brooder house without this regulator. It pays for itself many times over in fuel saved and success in raising the chicks. Our 100-foot nursery on our poultry plant, under the control of this regulator, burns less than one ton of hard coal per month in zero weather.

Full description sent on application. Price, complete, \$20.00.

Waterproof Sheeting

(Improved Substitute for "Oiled Muslin.")

Poultrymen are gradually learning that it is a mistake to shut up the houses too tight in cold weather, and curtain-fronts to windows and scratching sheds are taking the place of the tight-shut windows and doors of former times. Waterproof curtains shut off the drafts and at the same permit a gentle inflow of fresh, pure air, to the great improvement of the health of the flocks and preserving the much desired dryness of the house.

A difficulty in the way of the more general use of curtains in poultry houses has been that the oil-treated curtains rotted quickly, owing to the rapid oxidizing of the oil. To overcome this difficulty the Cyphers Company, after extensive experiments, is able to offer a waterproofed sheeting, better and more durable in every respect than oiled cloths, and cheaper to the consumer than he can put up the curtains and properly treat them with paraffine coating himself.

Prices, Waterproof Sheeting (40 inches wide.) Less than 50 yards, per yard, 16 cents; 50-yard lots, per yard, 15 cents; 100-yard lots, per yard, 14 cents. No order filled for less than ten yards.

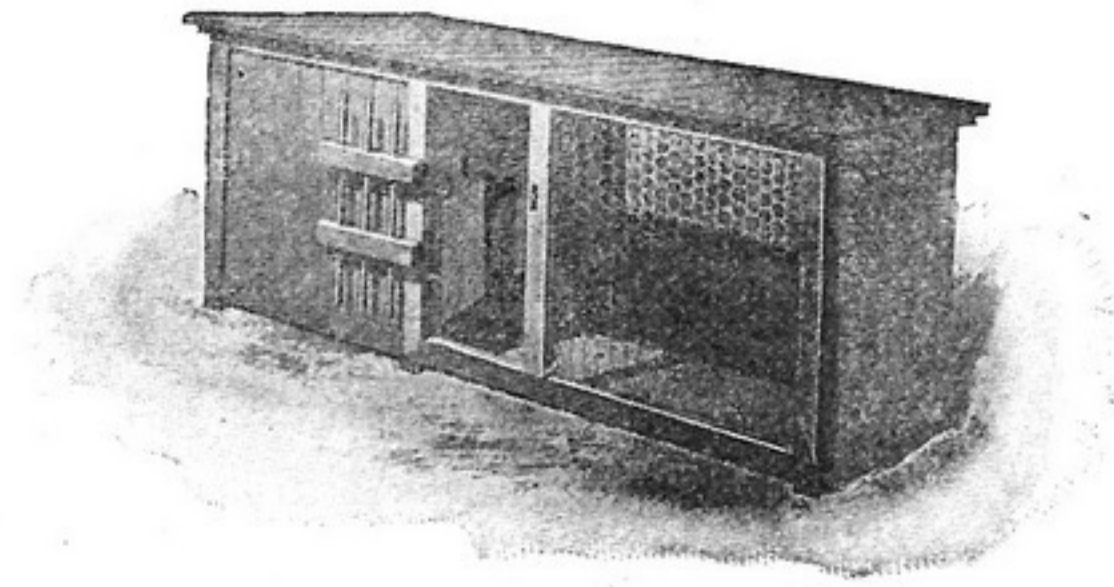
FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers New Model Brood Coops

For Hens with Chicks

We offer this season a new model coop for hens and chicks. This may also be used as a home for the chicks after they are weaned or as a colony house for a small flock. Size is four feet six inches wide, two feet deep. As shown by cut it has two compartments; a closed or house part and a wire-enclosed shelter or exercise room which provides safety from cats, rats and hawks, and protects from the weather. It is well made and attractively painted.

Price.....\$3.00 each.



Cyphers New Model Coop for Hen with Chicks.

Cyphers Chick Shelter

For Use in Connection with the Style A Outdoor Brooder; Can be Used with Any Outdoor Brooder

Cyphers Chick Shelter is to provide an open space where the chicks can run outside the brooder, and yet be protected from sun and storm and from cats, rats, hawks, etc., which so frequently reduce the flocks. It is a most effective safeguard, and by its use fanciers and other poultry raisers may reduce their losses to the smallest proportions. The sides and ends are made of stout wooden frames covered with small-mesh wire netting. One end is made with an opening to fit the front end of the brooder, while the opposite end has a hinged door through which the chicks have free access to outside range as desired. The roof is made of clear matched stock and pitches both ways at a sharp angle. These shelters are shipped knock-down, hence freight charges are low.

We confidently recommend them as fully meeting the needs of poultrymen who desire to protect the young chicks until they are able to stand the effects of sun and rain, and are large enough to be free from danger of attack by their numerous foes.

Prices of Cyphers Chick Shelter

Small size, 6 feet long, 3 feet wide, 24 inches high in the center and 14 inches high at the sides, complete, \$4.00.

Large size, 12 feet long, 3 feet wide, 24 inches high in the center and 14 inches high at the sides, complete, \$7.00.

Cyphers Improved Pedigree Egg Trays

(NOTE — Pedigree Trays are not for use during entire hatch, the eggs should be placed in them when they are turned for the last time. These trays will fit the Cyphers only.)

In response to repeated requests, we have constructed a pedigree egg tray device by which the chickens hatched in a Cyphers Incubator from different lots of eggs can be kept separate.

In our No. 0 Incubator chickens can be separated into four lots; No. 1, four lots; No. 2, eight lots; No. 3, eight lots. When ordering a Cyphers Incubator, if you want the pedigree trays be sure to say so and include the extra amount.

Prices of Pedigree Egg Trays. No. 0, each, \$1.00; No. 1, each, \$1.25; No. 2, per pair, \$2.50; No. 3, per pair, \$3.00.

Metal Parts for Cyphers Brooders

To meet the demand of those who wish to build brooders, we have arranged to furnish the metal parts necessary for our Style A and B Brooders, also our Two, Three and Four-Section Brooders, described on page 3 of this catalogue, and on pages 39 to 46, inclusive, of our main incubator catalogue. No plans are furnished with these metals, so it will be necessary to purchase one brooder for a model.

A and B Brooder metals consist of brooder stove, all necessary galvanized iron parts, vents and thermometer. Price complete, each, \$5.50.

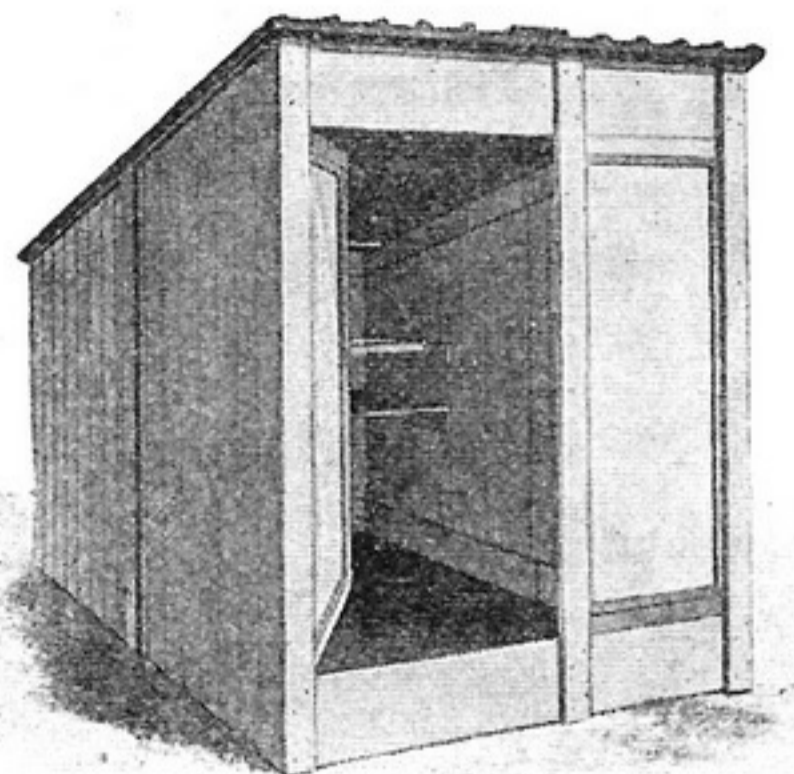
Two-Section Brooder metals consist of one lamp, heater, all pipes and one thermometer. Price, Two-section outfit, \$12.00.

Three and Four-section Brooder metals consist of two lamps, heater, all pipes and one thermometer. Price, Three-section outfit, \$14.00.

Price, Four-section outfit, \$16.00.

Special discount of 5 per cent. on an order for three of any of the above-named metal parts; 10 per cent. on lots of six, and 15 per cent. on lots of twelve.

Cyphers Portable Poultry Houses



Cyphers Portable Poultry House.

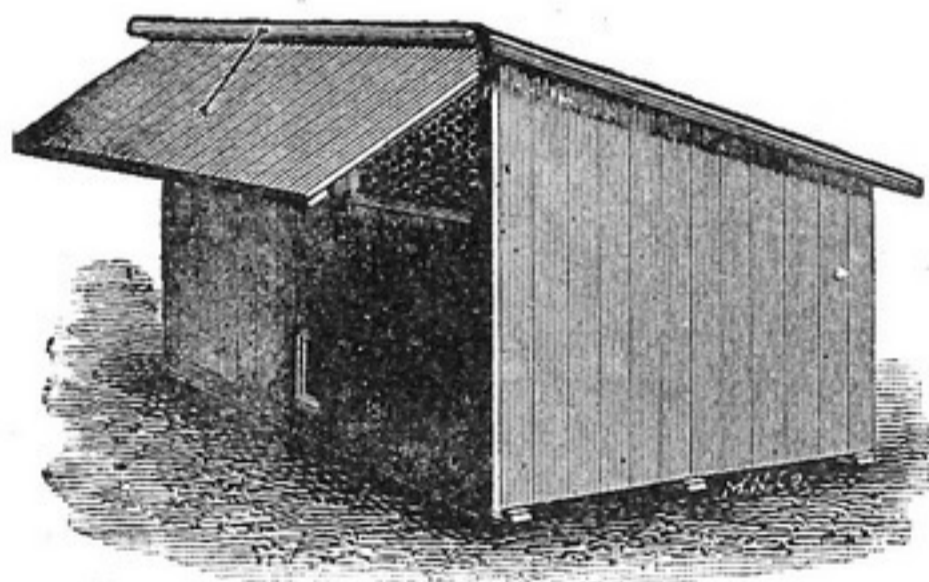
To meet the increasing demand for a practical portable house for breeding and laying stock, we have designed and now manufacture the Cyphers Portable Poultry House. This is a thoroughly practical house suitable alike for the breeder who keeps a few birds on the town lot, for the farmer, or for the market poultryman who keeps fowls in large numbers. As a practical portable house for colonizing flocks of layers, breeders or market poultry on a large plant it has no equal.

Cyphers Portable Poultry House is 6 feet wide, 8 feet deep, 6 feet 11 inches high in front, and 4 feet 4 inches high at the back. It is shed roofed, the roof covered with a durable fire-proof roofing fabric and securely battened. This house is built in sections, and is put together with screws and hooks. It can be taken down or set up in a few minutes by anyone

who can use a screw-driver. The front part of the house is closed by two frame doors covered with water-proof sheeting. These doors when closed shut off all drafts. Opening the doors converts the house into an open shed. Each house is furnished with two roosts and an ample droppings board. The houses are well painted, and being well built will last a lifetime with ordinary care. The price at which we offer them is low, quality considered, and they will be found to be more economical and satisfactory than home-made buildings. We ship them knock down, thus securing the lowest freight rate.

Price each complete, F. O. B., factory, Buffalo, N. Y.....\$18.00

Cyphers Colony Houses



Cyphers Colony House.

The Cyphers Colony Houses, or roosting coops, illustrated herewith, are recommended to all persons who wish to raise fowls to the best advantage. This style of portable house is 3 by 6 feet in size, is 36 inches high in front and 24 inches high at the back. They are well built out of lasting materials, are correct in principle and safe against the attacks of the four-footed enemies of poultry. Each coop has a well-made, dry floor, and is built with a hinge hood that keeps out rain and snow during stormy weather. On bright days this hood turns back upon the roof proper. This admits the sunlight to purify the coop. The bottom is of matched boards laid on cleats and is removable, making it easy to set the main coop to one side,

thus rendering the cleaning of it much less burdensome than is the case with houses that have stationary floors. These coops are built so they can be quickly taken apart, and we ship them in "knock-down" shape, thus securing on them the lowest freight rates charged on ordinary lumber. These coops will house comfortably fifty chicks, eight to twelve weeks old, providing for them a safe roosting place. They are durably made in every respect, and, quality of material and workmanship considered, are sold at prices considerably lower than the cost of building them singly or in small numbers.

In addition to its use for growing chicks, the Cyphers Colony House makes one of the best single-pen breeding houses that have thus far been devised. Many fanciers are using it for breeding pens of four to eight choice fowls. It is light and handy to move, and may be carried from one part of the premises to another without much exertion, and thus the fowls have the benefit of new ground and fresh vegetation.

Price of Cyphers Colony Houses, each \$7.00; six,.....\$40.00

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Ready-Mixed Poultry Foods

The Standard Foods for Poultry of all Ages. Quality Guaranteed

We grind, mix, sack and seal all Cyphers Foods, and positively guarantee them to consist of sound and wholesome grains and seeds. No waste by-products or inferior material of any kind is used in their manufacture. By the use of special machinery we are able to guarantee perfect mixing. The ordinary miller positively cannot duplicate or equal these specially-prepared and properly-balanced foods. On the authority of expert analyses and repeated experiments, we guarantee all Cyphers Foods to contain the proper ingredients in the right proportion to accomplish the results for which they are recommended.

For the protection of our customers all Cyphers Ready-Mixed Poultry Foods and Clover Products are put up in 50 and 100-pound sealed bags bearing the Cyphers Trade Mark, each bag being sealed with a lead seal with the word "Cyphers" stamped on one side and the word "Buffalo" on the other. Customers should refuse all bags which do not bear our seal, also those on which the seal has been broken or removed.

Every bag of Cyphers Chick Food, Forcing Food, Laying Food, Scratching Food and Clover Products contains a ten page circular on "Foods and Feeding," which tells what Cyphers Ready-Mixed Foods are and *how to feed them*. These instructions for feeding should be carefully followed, in order to obtain the best results from our foods. Read the directions carefully and be guided by them. *This will insure success.*

Buffalo, N. Y., December 1, 1903.

CYPHERS INCUBATOR CO.

Cyphers Chick Food

A Complete Scientifically-Compounded Food for Young Chicks

Some five years ago, this company on its poultry plant at Wayland, N. Y., began to make a close study of the subject of foods for poultry, giving special attention to a properly-balanced grain and seed mixture for newly-hatched chicks. It became our ambition to do what could be done to render the raising of chicks as easy and safe work as that of hatching them. After between two and three years of study, including many experiments, involving the feeding and raising of thousands of chicks, we perfected a mixture of highly nutritious grains and seeds for newly-hatched chicks, which, under the name of "Cyphers Chick Food," has given general satisfaction to our customers.

Cyphers Chick Food is a mixture of many different grains and seeds, so proportioned to the needs of the growing chick that it will be fully nourished. By the term "fully nourished" we mean a great deal. Most feeding stuffs contain too much fat-forming and not enough bone-forming elements; in consequence, the chick develops indigestion and diarrhoea, which ultimately means no digestion at all, and the chick soon starves to death. Or, if partially nourished, leg weakness develops, and the chick drags out a miserable existence. In compounding Cyphers Chick Food the protein or flesh-and-muscle-forming element is maintained high, the carbohydrates or fat and heat-forming elements are reduced to their proper proportion, and the ash or mineral elements are in sufficient amount to supply the needs of the rapidly-growing bird.

Directions for feeding in every bag. Remember that Cyphers Chick Food is put up in sealed bags which bear our trade-mark. Do not accept the bag if the seal has been broken. We distribute Cyphers Chick Food in car lots to our three branches and quote the following prices of Cyphers Chick Food: 50-pound bag, \$1.50; 100-pound bag, \$2.50; 500-pound lots, \$12.00. All shipments and quotations to the trade made from factory, Buffalo, N. Y.

"Have Not Lost a Single Chick."

Loyalsock, Pa., June 12, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

I have had the best success with your chick food; have not lost a single chick since feeding them your food. Thanking you for past favors, I remain,
H. S. GERGOTSHALL.

Makes it Easy to Raise Chicks.

Iowa Falls, Ia., June 18, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

Gentlemen: We feed Cyphers Chick Food and Beef Scrap, and could not afford to be without the chick food. The men who "thought out" this mixture of seeds and grains have made it easy for every poultry raiser to solve the problem of successful chick rearing. It meets all the requirements of the growing chick—bone, muscle, blood, flesh, and feathers.

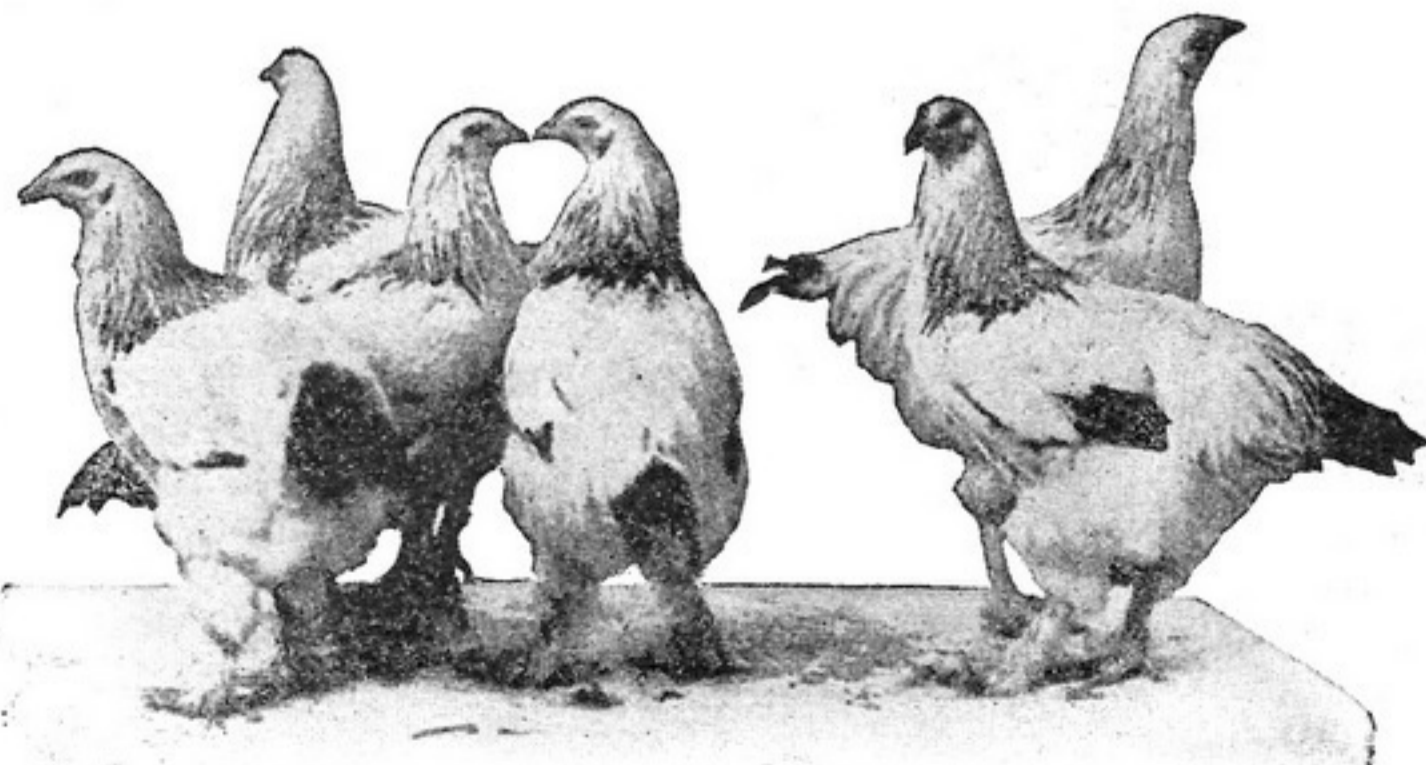
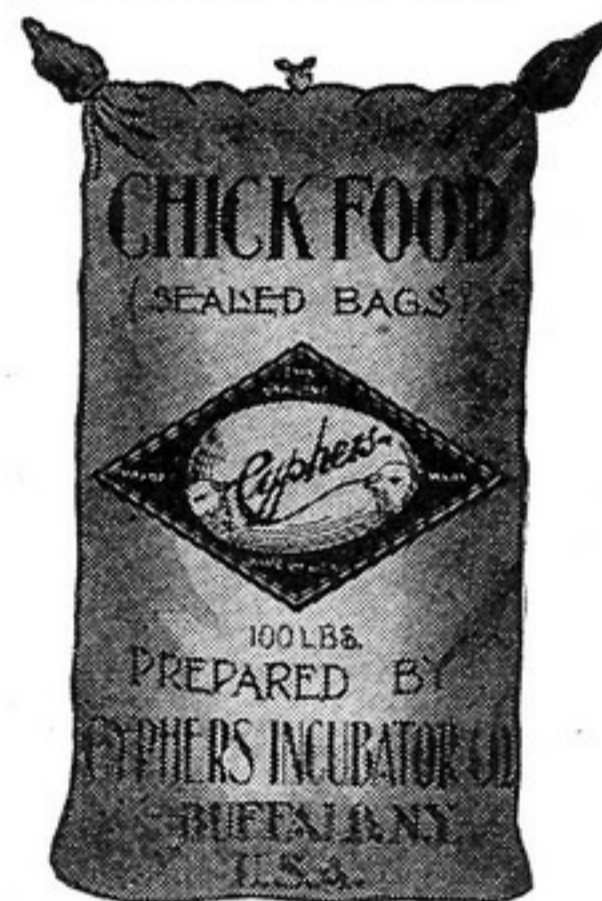
Yours respectfully, THOS. S. RIGG.

Would Not be Without This Food.

Westfield, Ind., May 5, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

I have been using your chick food, and will say it is the only food for chicks. I would not think of raising a brood without it.
W. B. HILL.



Group of capons grown at the Jordan Poultry Plant, Hingham Mass. These birds were hatched Oct. 3, 1902, and when this photo was taken, Feb. 2, 1903, their average weight was about six pounds each. They were fed exclusively on Cyphers Chick Food.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON



Cyphers Forcing Food

Where rapid growth is required, as in growing broilers or roasters, a highly concentrated food can be fed, and for this work we use and recommend the Cyphers Forcing Food. This should be fed according to the results desired. That is, if a broiler is to be produced, the chick should be fed up to the limit, so as to make the growth in the shortest possible time. If a roaster is wanted, it should not be forced so rapidly. A roaster has longer to live, its digestive organs have more work to do, and therefore they should not be taxed to the limit of endurance at the earlier stages.

No adulteration whatever is permitted in the manufacture of Cyphers Forcing Food, as is the case in a great number of other similar foods offered on the market. Cyphers Forcing Food is put up in 50 and 100-pound sealed bags only, bearing our trade-mark.

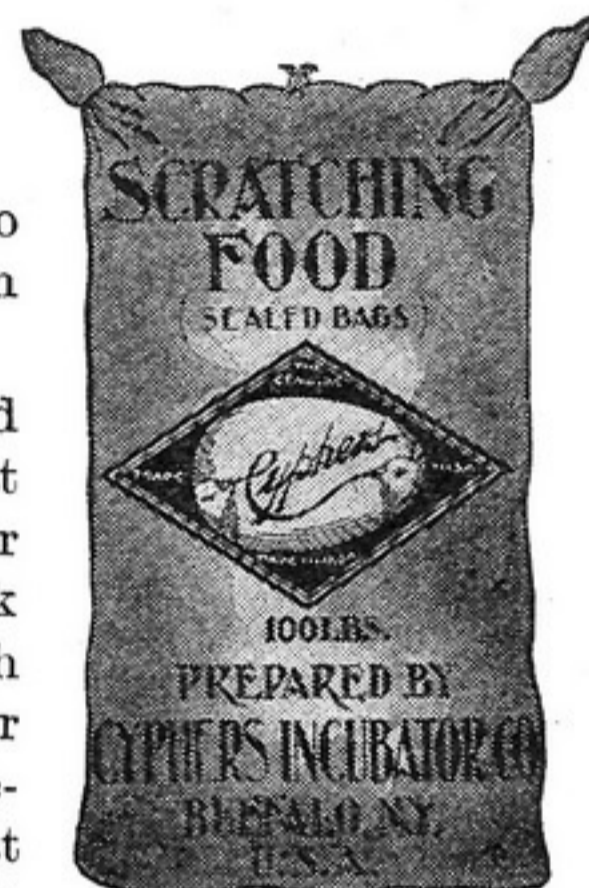
Directions for feeding in every bag.

Prices of Cyphers Forcing Food, 50-pound bag, \$1.15; 100-pound bag, \$2.00. Special prices on 500-pound lots or over.

Cyphers Scratching Food

In combining grains to be used as an exercise food, scattered in the pens to make the hens work for what they get, it will not do to make up a random assortment of any available material.

As the scratching food is not supposed to be scattered before half-famished birds that will gladly eat almost anything, it must be composed of material that will be considered with special favor by the hens, something, in fact, that their systems crave. There must be a strong inducement for a well-fed hen to work for every morsel of this food, and at the same time it must be composed of such material as will not defeat the purpose of the balanced foods they get in their regular ration. In this Scratching Food we have exactly filled these requirements. A little of this food scattered in the litter will quickly start the dust flying, which means healthy fowls, full of vigor and vitality, and an egg basket full of hatchable eggs. Cyphers Scratching Food is put up in 50 and 100-pound sealed bags, each bag bearing our trade-mark. Directions for feeding in every bag. Prices of Cyphers Scratching Food, 50-pound bag, \$1.15; 100-pound bag, \$2.00. Special prices on 500-pound lots or over.



Cyphers Laying Food

Cyphers Laying Food is a palatable and highly nutritious balanced ration, ready for making the daily mash, manufactured by us to meet the demand of poultrymen, who, as a result of experience with mash foods manufactured from by-products and inferior or damaged grain, understand the importance of using foods produced from perfectly sound grains, mixed in the proper proportions to insure the best possible results. Poultrymen of experience have learned that it is far more economical to use a first-class food of this kind rather than a cheaper one containing quantities of oat hulls and other equally useless fibrous matter. Our special milling and mixing machinery enables us to produce a uniform product. We guarantee that by the use of Cyphers Laying Food better results will be obtained than from any other laying food on the market. We recommend that Cyphers Laying Food be used as an evening mash, as best results are thus obtained. Poultrymen, however who favor a mash food given at other hours, whether the time is based on their convenience or any special reason, will find this food equally well adapted to their purpose. Mash foods should invariably be accompanied by a food that will promote exercise, for which purpose we recommend that Cyphers Scratching Food be scattered in litter. Keep oyster shells and grit constantly before the fowls. For the protection of our customers against the adulteration or substitution, Cyphers Laying Food, like all our other foods and clover products, is put up in strong 50 and 100-pound sealed bags, each bag bearing our trade-mark. Full directions for feeding in every bag.

Prices of Cyphers Laying Food, 50-pound bag, \$1.15; 100-pound bag, \$2.00. Special prices on 500-pound lots or over.

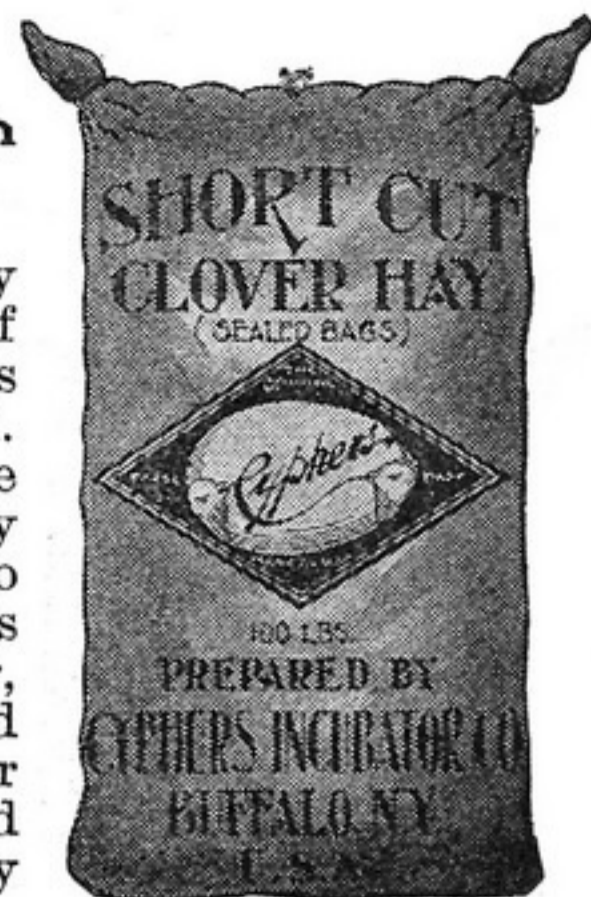
NOTE—All wholesale business is transacted from the factory at Buffalo, N. Y. where all orders from the trade and agents should be addressed. All retail orders should be addressed to the nearest branch house. All shipments and quotations to the trade made from factory, Buffalo, N. Y.

Cyphers Short-Cut Clover Hay

Guaranteed 95 Per Cent. Pure Clover. The Standard Green Food for Winter Egg Production

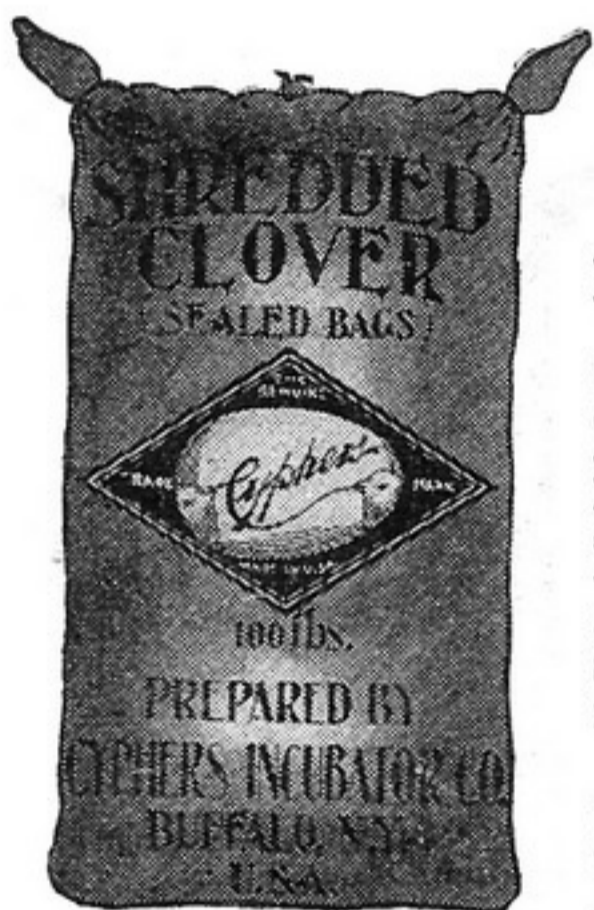
There has been so much written regarding the value of clover as a poultry food that little new can be said. No mash is complete without it. Outside of its food value, it has a high medicinal one in that it keeps the digestive organs toned up and working during the forced process of feeding, as nothing else will.

We guarantee our clover products to be 95 per cent. pure clover and to be cured in such a manner that the clover retains all its life and nutriment. By our process the stalks, leaves and blossoms, reduced to edible lengths, all go into this first product, which is put up as Cyphers Short-Cut Clover Hay. There is absolutely no waste in this food. It is far superior to the ordinary cut clover, which contains a large amount of long stems, weeds, etc. The Cyphers brand needs only to be used to be appreciated. It can be fed either with a mash or scalded with warm water and fed in a trough by itself. Put up only in 50 and 100-pound bags bearing our trade mark and seal. Directions for feeding in every bag.



Prices of Cyphers Short-Cut Clover Hay

50-pound bag.....\$1.00 100-pound bag.....\$1.75 Special prices on 500-pound lots and over.



Cyphers Shredded Clover

Guaranteed 95 Per Cent. Pure Clover

Cyphers Shredded Clover is manufactured to meet the needs of poultrymen who desire a food a little finer than cut clover and not so fine as clover meal. We are originators of shredded clover, which is manufactured by us in our special clover milling machinery. The first process in manufacturing shredded clover is the same as pursued in manufacturing our short-cut clover hay. The fine cut clover is then reduced to fine shreds by being put through the second process of manufacture. This product resembles shredded wheat in texture. Nothing is removed. Cyphers Shredded Clover contains the entire clover—stalks, leaves, blossoms and all. In this form it is rather more digestible than short-cut clover hay; for this reason and on account of its high feeding value it is becoming very popular.

We guarantee Cyphers Shredded Clover to be 95 per cent. pure clover. Cyphers Shredded Clover is put up in 50 and 100-pound bags bearing our trade mark and seal. Do not accept inferior substitutes. Directions for feeding in every bag.

Prices of Cyphers Shredded Clover

50-pound bag.....\$1.00 100-pound bag.....\$1.75 Special price on 500-pound lots and over.

Cyphers Mealed Clover

95 Per Cent. Pure Clover. We Guarantee Its Superior Quality.

Cyphers Mealed Clover is shredded clover reduced to a meal by the third process, and, like the shredded and short-cut clover, it contains the entire product—stalks, leaves and blossoms—nothing being removed. *This is the best form for use in mash food for small chicks*, the meal being ground just sufficiently coarse to give bulk to an otherwise soggy mash, and thus allow the gastric juices to become quickly mixed with the food and to assist in thoroughly digesting it.

Everything that is true of clover hay in relation to its value as a poultry food, is equally true of mealed clover. Cyphers Mealed Clover is put up in 50 and 100 pound bags, each bag bearing our trade mark and seal. Directions for feeding in every bag.

Prices of Cyphers Mealed Clover

50-pound bag.....\$1.10 100-pound bag.....\$2.00
Special prices on 500-pound lots and over.

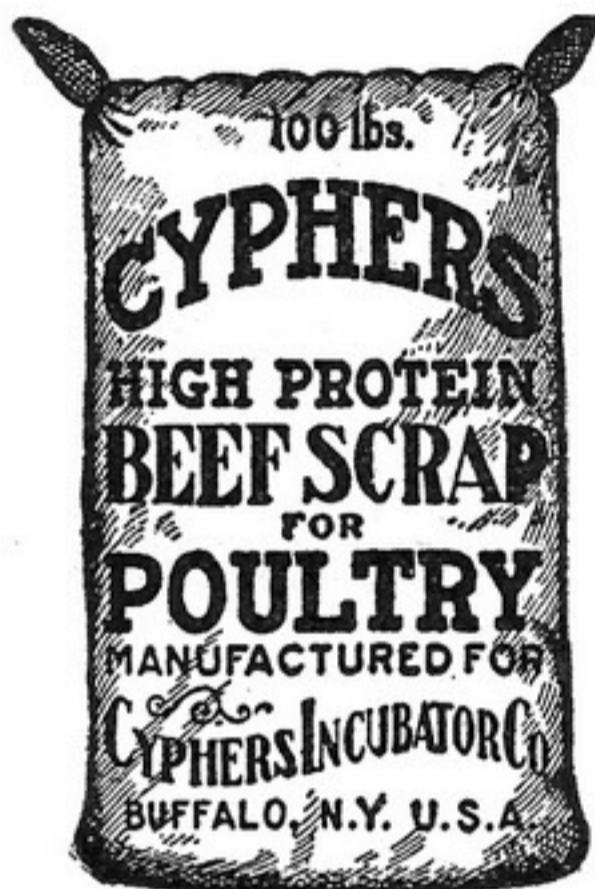


NOTE—All wholesale business is transacted from the factory at Buffalo, N. Y., where all orders from the trade and agents should be addressed. All retail orders should be addressed to the nearest branch office. All shipments and quotations to the trade made from factory, Buffalo, N. Y.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

High Protein Beef Scrap

We are sole eastern distributors for the above and carry carload lots at our four houses. Buffalo being central to our trade, we prefer to handle the wholesale business and the large orders from customers at this point, but are *prepared* to quote low prices from any one of our branches.



We have no hesitancy in recommending High Protein Beef Scrap as the best of their kind on the market. These goods are ground at the Chicago Stock Yards especially for our trade. We guarantee their purity. No pork or fat is used to add weight. The ordinary commercial scrap contains but 35 to 45 per cent. protein and from 20 to 30 per cent. fat, while our scrap, as analyzed by the New York State Board of Agriculture, shows 50 to 65 per cent. protein and only 15 to 20 per cent. fat. Fat in excess reduces the feeding values of poultry food, protein being the essential element. We, accordingly, claim that 100 pounds of High Protein Beef Scrap has the feeding value of 200 pounds of any other scrap on the market. This scrap is now being used by the largest duck and poultry raisers in the country. A trial will convince you of the superiority of High Protein Beef Scrap. Do not compare the price you pay for High Protein Scrap with the price asked for other so-called scraps which, as a rule, are no less than refuse from soap factories or fertilizing works and have little or no value as a food. We have the exclusive sale of this particular brand and grade of scrap. We will mail you a two-ounce sample package for the asking.

Prices F. O. B. Buffalo, New York and Boston. 50-pounds, \$1.60; 100-pounds, \$2.75. Special prices on ton and car lots.

Beef Meal

This food is made from pure, sweet meat, bone, blood and the liquor from cooking. It is rich in albumen and protein, and is a nitrogenous food of great egg-producing value.

The guaranteed analysis of Beef Meal is:

Protein.....45 to 55 per cent. Fat.....10 to 15 per cent.

It will be seen that this food is rich in protein. A one-ounce sample package mailed on application.

Prices F. O. B. Buffalo, New York and Boston, 50-lbs., \$1.25; 100-lbs., \$2.25.

Special prices on ton and car lots.



Granulated Bone

The impression prevails in many quarters that bone must be fresh or green to be of value as a food. This is not the case. The fresh bone contains about 40 per cent. water and 12 per cent. grease; 52 per cent. of matter which your fowls do not need or care for and which also taxes the digestive organs unnecessarily. The granulated bone we offer is made from fresh, green bones, from which the moisture and grease have been taken, leaving nothing but the phosphates, lime and protein. These are the only food values of bone, green or dry, so when you buy dry bone you do not pay freight on moisture or grease. Granulated Bone will keep in any climate or kind of weather, if kept in a dry place. Bone is especially valuable as an egg-shell producer. A two-ounce sample package mailed on application. Prices F. O. B. Buffalo, New York and Boston. 50-pounds, \$1.25; 100-pounds, \$2.25. Special prices on ton and car lots.

Fine Ground Raw Bone Meal

Raw Bone Meal is also made from fresh bones and is of the same stock as the Granulated Bone, but is reduced through a finer sieve. It is ground fine and is especially useful to mix with mash food. Cyphers Laying Food is a complete ration and it will not be necessary to use Ground Bone Meal if this food is fed, but with any of the other poultry foods offered we recommend the use of Raw Bone Meal. A two-ounce sample package mailed on application. Prices F. O. B. Buffalo, New York and Boston. 50-pounds, \$1.25; 100-pounds, \$2.25. Special prices on ton and car lots.

NOTE—It is impossible owing to freights, for our Eastern Houses to make as low prices on beef and bone foods as can be made by us at Chicago, where the goods are produced. Our Chicago House is in a position to book orders for any brand of scrap or bone manufactured, and will meet all competitive prices, quality and quantity considered. We defy competition in this line of goods. Poultrymen located in territory adjacent to Chicago, who are in the market for beef or bone foods, will save money by writing our Chicago House for prices, stating kind and quantity required.

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Complete Grit

Hard, Sharp, Clean, Light Colored. Contains Lime, Magnesia, Iron and Sulphur

It is an established fact among poultrymen that, in order to make the poultry business a success, a first-class grit must be used. Ordinary water-washed, smooth pebbles are *not* "grit."

FIRST—Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard.

SECOND—It should contain medicinal properties valuable as blood purifiers. Cyphers Complete Grit is all this, and more, for, in addition to its grinding and medicinal properties, it has a lime formation. This is the most valuable of all, as lime is an absolute necessity for making egg shells. These three valuable qualities are seldom combined in any one grit. Many grits contain lime, but are devoid of medicinal properties, and are not of a formation which retains their grinding qualities.

Cyphers Complete Grit is clear, free from sand and dirt, and is accordingly economical to use. It is light in color, and the fowls eat it greedily. Dark-colored grits should be avoided—fowls do not take kindly to them and will not eat as much as they should.

The price of Complete Grit was not fixed by what other manufacturers charge for grit, but at what we could afford to sell it. We depend upon volume for profit, and, in accordance with our policy, have made the price as low as a first-class grit can be sold for.

We solicit a trial order, knowing that if you once use "Complete Grit" you will use no other. We sack in strong, 100-pound bags, and grade in three sizes: No. 1 for brooder chicks, No. 2 for half-grown chicks, and No. 3 for hens, turkeys, ducks and geese. No. 1 is used by many large *duck breeders with satisfactory results*. Two-ounce sample mailed upon application.



Prices

50 lbs.....45c. 100 lbs. (in 100-lb. sack).....70c. 500 lbs. (in 100-lb. sacks).....\$3.00

Special prices on large lots.

Consumers will find it to their advantage to club together with other users and purchase in quantities. All shipments and quotations to the trade made from factory, Buffalo, N. Y.

Blood Meal

Unexcelled as an Egg Producer

Pure Blood Meal fed your poultry **will make your hens lay, your chicks grow fast and keep your fowls healthy**. The Blood Meal offered by us is guaranteed to be pure and free from adulteration, also free from the objectionable odor which generally accompanies other poultry foods containing animal matter. Our Pure Blood Meal contains no ground bone or other cheap adulteration of any kind. It has less than 5 per cent. of moisture, and is the most complete poultry and egg food in use.

Prices

10-lb. bag.....45c. 50-lb. bag.....\$2.00. 100-lb. bag.....\$3.50.

Special prices quoted on 500 lbs. or over.

Charcoal

No poultryman can afford to be without charcoal. A little goes a long way, and it is worth its weight in gold to raisers of young chickens. It aids digestion and promotes the health of brooder chicks to a wonderful extent. The use of charcoal is generally corrective of numerous poultry ills.

As charcoal absorbs 90 per cent. of its own weight of ammonia (a deadly poison to young chickens) it is necessary that charcoal for poultry should be specially prepared—ordinary commercial charcoal should not be used. Our charcoal is guaranteed pure, and free from dangerous poisons. Sold in two sizes, granulated and pulverized.

Prices

1 lb.....\$0.10	25 lbs.....\$1.00
3 lbs......25	Bbl. lots (about 95 lbs.), per bbl..... 2.50
10 lbs......50	Powdered very fine, per lb..... .15

Seeds and Grains

We carry at all times a full line of such seeds and grains as are ordinarily used for feeding poultry, viz.: Wheat, barley, millet seed, hemp seed, sunflower seed, hulled oats, Kafir corn, Canadian peas, broken rice, linseed meal, canary seed and mixed bird seed, but owing to the frequent fluctuations of the grain and seed market we do not quote prices, preferring that our customers write for quotations, stating their requirements. We are always in a position to give our trade the best current prices and can offer the usual inducements on quantity orders.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

NO OTHER GRIT AND NO SHELLS ARE NECESSARY When You Use



ALMOST WHITE CLEAN JUST HARD ENOUGH

**Contains a Large Amount of Calcium Carbonate
Some Magnesia, Iron, Sulphur**

WE USE IT

WE SELL IT

WE RECOMMEND IT

Prices of Pearl Grit

50-lb. bag.....	\$0.45	100-lb. bag.....	\$0.70
500-lbs.....	\$3.00		

Pearl Grit is made in three sizes: No. 1, for brooder chicks; No. 2, for half-grown chicks, and No. 3 for hens, turkeys, ducks and geese.

Mann's Granite Crystal Grit

This grit is light in color, entirely free from dust, and like all other good grits is of a friable nature, which enables it to keep continually sharp under the action of the gizzard. This grit contains sulphur, iron, magnesia and other important medicinal properties. It is made in three sizes: Size X, for brooder chicks and pigeons; XX, for chickens; XXX, for hens, ducks and turkeys.

Prices

50-lb. bag.....	\$0.50	100-lb. bag.....	\$0.75
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Larger quantities a matter for correspondence.

Crushed Oyster Shells

We purchase these goods in car lots, hence can offer them at the lowest rock-bottom prices. Every pound of Oyster Shells offered by us is dried by a patent hot-air process and not by direct fire which burns out some of the most desirable qualities.

Our shells are crushed and ground to the size which expert poultrymen agree to be the best. If you have purchased other brands of Oyster Shells you have noticed that there are 10 to 25 lbs. of waste, consisting of dirt and dust, mixed in with every 100 lbs. of shell. **This means a loss to you.** Every pound of shell we sell is all shell and no waste.

It is needless for us to enlarge upon the value of Crushed Oyster Shells for poultry. Every poultryman realizes their importance as an egg-shell maker and general promoter of good health.

Prices

50-lb. sack.....	\$0.45	100-lb. sack.....	\$0.60	500 lbs. (in 100-lb. bags).....	\$2.50
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All shipments and quotations to the trade made from factory, Buffalo, N. Y.



FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Egg Stimulant

A Conditioner, Not a Food

Cyphers Egg Stimulant is a tonic and condition powder for promoting the general health, and is also a gentle stimulant to the egg-producing organs of the fowl, strengthening and stimulating them to a normal, healthy action, resulting in an increased production of strong, fertile eggs. Pure drugs only are used in its manufacture, and harmful results positively will not follow its use, as in the case with many so-called egg producers.

The formula from which Egg Stimulant is compounded is a standard formula and has been in use in Europe for many years. Any poultrymen can purchase the ingredients from a druggist, but cannot afford to do so at the price we offer Egg Stimulant.

MANUFACTURER'S GUARANTEE. We hereby guarantee to rebate the purchaser 25 cents for any package of Egg Stimulant which does not increase the egg production when used according to our printed directions. Purchasers are to return empty original packages, postpaid, within 30 days from date of purchase, and give a statement showing number of eggs laid daily by fowls fed during the test, the date of purchase of the package of Egg Stimulant, and naming person or firm of whom bought. Cyphers Egg Stimulant is put up in one size package only. Agents wanted in every town and poultry community where we now have no agent. Address requests for agency to **Cyphers Incubator Company, Buffalo, N. Y.**, from which office all wholesale business is transacted. Each box contains sufficient to treat two bushels of food.



Price of Cyphers Egg Stimulant.....\$.25

Postpaid.....\$.30

Lee's Egg Maker

Makes Hens Lay, Makes Chicks Grow, Makes Fowls and Chicks Strong, Healthy and Vigorous.

Agents Wanted In All Sections Where We Have None Already Located



A 25-cent package of Lee's Egg Maker weighs 2½ lbs., contains 1¼ lbs. of spices, salts, roots and herbs, and 1¼ lbs. of granulated blood meal, deodorized. The spices, etc., are of variety and kind formerly prepared under the name of Lee's Tonic Powder, at 25 cents per 1-lb. package. It supplies materials needed by all fowls—materials which they obtain naturally from the soil, shrubs, insects, etc., on unlimited range, and which you must supply to both fowls and chicks in the domesticated state if they are to do well.

One mistake made by many poultrymen is in the feeding of too much fresh or concentrated meat and bone. Fowls are not naturally carnivorous or meat-eating. They pick up many bugs and insects, but their natural food is composed of a large variety of elements with vegetable matter in the larger proportion. A little meat is good for both fowls and chicks, but too much is as bad as too little.

The meat food in Lee's Egg Maker is correctly proportioned to the balance of the ration, and, if fed daily, very little or no other meat food need be given.

The cost of feeding it is very small—about 1 cent per feed for 50 fowls—which expense is more than paid for by an increase of one egg per day.

Lee's Egg maker is put up in large, handsomely lithographed packages.

Prices, 2½-lb. packages, each, 25c; 25-lb. pails, each \$2.00.

Pratts Food for Poultry

The Manufacturer of Pratts Poultry Food Makes the Following Claims for It:

That it positively cures and prevents chicken cholera, roup, gapes and all diseases.

That it makes young chickens grow quickly and profitably.

That it will increase the quantity of eggs.

That it will make turkeys, ducks, geese and pigeons thrive.

That it will help molting fowls and makes them lay sooner.

That it is used in over 30,000 towns in the United States; also in Canada, Europe and Africa.

Prices, 26-oz. package.....\$.25

5-lb. package......60

12-lb. sack..... 1.25



• TRADE MARK REGISTERED •

Cures Chicken Cholera, Produces Eggs.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Caponizing Instruments

Poultrymen, farmers included, can double their poultry profits by caponizing the surplus cockerels. The operation is simple—the instructions, sent free, being so full and explicit that any man or woman, after a careful reading, will be able to perform it. Caponizing is highly successful from every point of view. The demand for capons east and west regularly exceeds the supply, the price per pound averaging more than twice as much as that paid for ordinary rooster. The object of caponizing is to increase the weight of the fowl and to render the flesh far more tender and palatable.

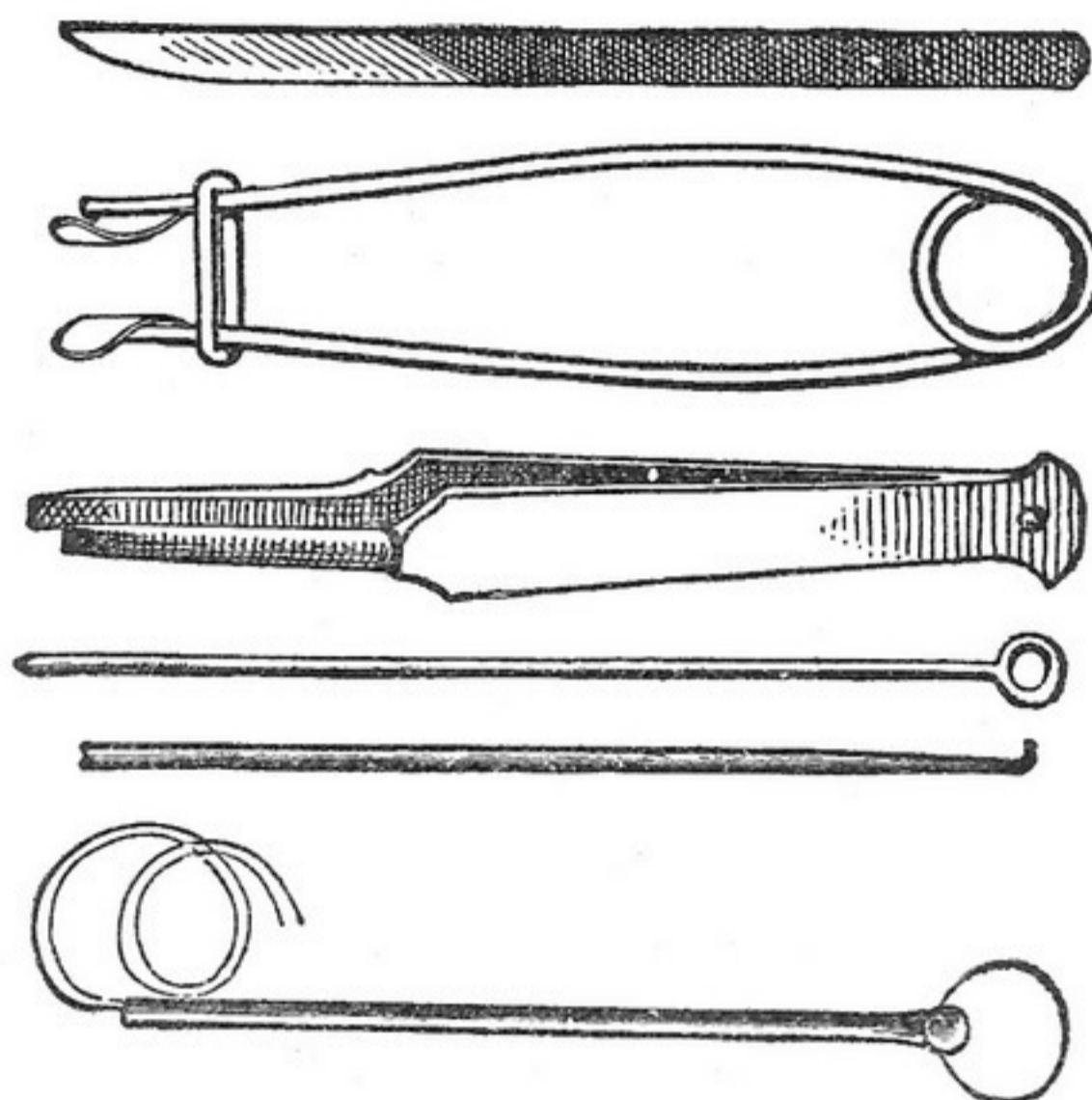
Capons at 8 to 10 months old reach 8 to 12 pounds in weight. The eastern market prefers capons weighing 6 to 8 pounds each; the western market prefers them at 8 to 12 pounds each. The weight they attain is merely a question of breed and age. The larger breeds make the larger capons. The meat of a capon is more tender and has a finer flavor than has that of cockerels or cocks not caponized. Capons are much quieter in disposition, hence the same amount of food makes more flesh, bone and profit. With proper instruments, caponizing is a simple operation, wholly mastered by a few minutes' study and a little practice.

Greiner Caponizing Set

The Greiner Caponizing Set (separate instruments illustrated) is especially designed to simplify the operation of caponizing, so that the beginner can easily master the operation with a little practice. This set consists of a lancet-shaped knife, spring-spreader, forceps, hook, ring-probe and canula; the latter being fitted with fine wire for making the loop. The special spring-spreader, the spreading-strain of which is held in check by a lock, holds the opening into intestinal cavity open to the right extent, making it easy to reach and remove the testicles. We recommend this Greiner Caponizing set because it has been proved a satisfactory equipment for successful operating.

Price of Greiner Caponizing Set

In wooden, velvet-lined box, with partitions for keeping the instruments in place..... \$3.00



THE GREINER CAPONIZING SET.

Pilling and Wigmore Caponizing Sets

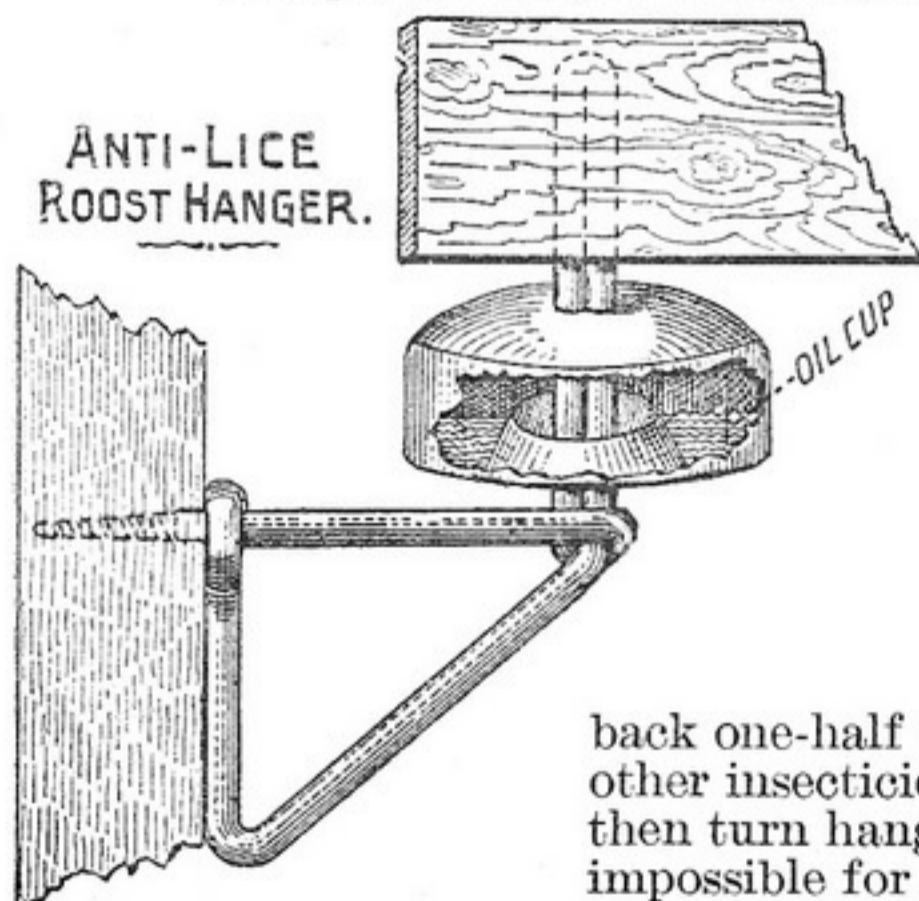
We also offer the Pilling and Wigmore Caponizing Sets. Full instructions accompany every box. Prices of either:

Postpaid, in paper box.....\$2.50

Postpaid, in velvet-lined case.....\$2.75

Anti-Lice Roost Hanger

Patent Applied For



These Anti-Lice Roost Hangers are ahead of anything ever invented in this line. The accompanying illustration shows their construction. These hangers are enclosed all around, except a small opening at the bottom, therefore they cannot become filled with dust, dirt or feathers. They are manufactured from the best steel and tin, are light and durable, and with ordinary care will last a lifetime. They are cheap in price, easily put up, and if once used will always be used.

These hangers are put up by screwing them to the wall as close as possible. After getting them in the right position, turn back one-half turn; fill each cup with a tablespoonful of Cyphers Lice Paint or other insecticide liquid—coal oil will answer the purpose if used frequently—then turn hanger into the right position again. When the little cup is full it is impossible for lice to pass from the walls of building to the roost, or from the roost to the building. Bore a $\frac{3}{8}$ -inch hole $1\frac{1}{4}$ inch deep in each end of your roosts; place roosts on upright pins, being sure that they do not touch the wall. Cups should be refilled every six months.

Prices: Per pair, postpaid.....\$0.20

One dozen single hangers.....\$1.00

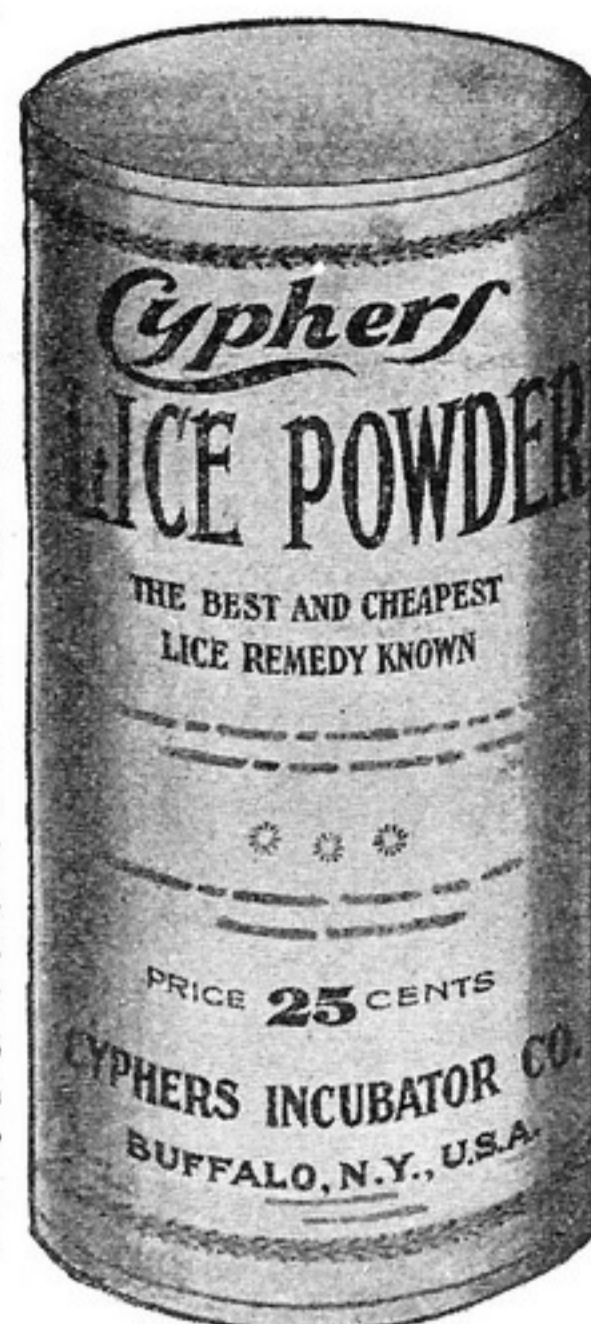
Throw away your whitewash brush, for this durable little device will do the work while you are asleep.

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Lice Powder

Not a Lice Driver, but a Lice Killer

A common complaint has been that lice powders are only strong enough to drive the lice and do not kill; as soon as the powder loses its strength, the lice return to the body of the hen and she is no better off than before. In offering Cyphers Lice Powder we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded, and contains no carbolic acid or other chemicals which will injure the fertility of the eggs. It is clean to handle, easy to apply, sure in effect and can be used in the nests of sitting hens without injuring young chickens. For lice on cattle and horses, ticks on sheep and fleas on dogs, Cyphers Lice Powder is a most effective remedy. As an insect powder it has no equal. We believe that a trial package will convince you of this. To get the best results from a lice powder it must be worked thoroughly into the feathers well down to the skin, and when Cyphers Lice Powder is used in this manner it will kill all the lice on the fowl. No lice killing preparation can kill the nits or eggs of the lice, unless it is a liquid which is applied directly to the nits themselves. This is not practicable to do. For this reason a number of dustings are necessary, since after the first dusting more or less of these nits are sure to hatch out. In using Cyphers Lice Powder repeat the dustings two or three times at intervals of five or six days and you will be sure to kill the successive crops of lice soon after they hatch out and prevent their doing any further mischief. If too long an interval is left between the dusting, the newly hatched lice will have time to mature and lay their eggs or nits. This is easily prevented when the powder is properly used.



Prices of Cyphers Lice Powder

5-ounce package, (trial size,).....	\$.10	Postpaid.....	\$.15
15-ounce box.....	.25	Postpaid.....	.40
48-ounce box.....	.50	Postpaid.....	1.00
100-ounce package (by express, at customer's expense).....			1.00

We want agents where none are located. All agents are appointed from the Home Office, Buffalo, N. Y., where all correspondence concerning agency business should be addressed.

FISHER'S ISLAND FARM.
ADDRESS ALL COMMUNICATIONS TO
E. M. & W. FERGUSON,
BREEDERS OF
STANDARD-BRED POULTRY.

Birds and Eggs For Sale in Season. Fowls: Barred and White Plymouth Rocks, Cornish Indian Games, Turkeys, Mammoth Bronze, Wild and Half Wild, Ducks, Imperial Pekin.

Fisher's Island, N. Y., October 5, 1902.
Via New London, Conn.

Cyphers Incubator Co., New York, N. Y.

GENTLEMEN—Some time ago we received a package of your Lice Killer. We have given it a very thorough trial and have found it equal to anything we have used for the purpose. We congratulate you on having discovered such a good thing in this line. We feel sure it will be a benefit to poultry keepers generally.

Very truly yours,
E. M. & W. FERGUSON,
per H. A. N.

FAIRVIEW FARM,
H. J. BLANCHARD, PROPRIETOR.
Heavy-Laying Single-Comb White Leghorns,
Stock for Sale. Fancy Market Eggs. Eggs for Hatching.

Groton, Tompkins County, N. Y., October 8, 1902.
Cyphers Incubator Company,

GENTLEMEN—Having used your Lice Powder, I find it safe and efficient. Like all the goods you sell, it is a high-grade, reliable article and I recommend it to the poultry fraternity. Respectfully, H. J. BLANCHARD.

Westernville, N. Y., January 26, 1903.
Cyphers Incubator Company,
I used Cyphers Lice Powder on young chickens and turkeys with good success. It is very easily applied, without any detrimental effect to the young birds.

Yours truly, FRED F. SHIRLEY.

Osceola Mills, Pa., January 29, 1903.
Cyphers Incubator Co., New York, N. Y.
GENTLEMEN—Some time ago I received a package of your Lice Powder. I can recommend it as excellent for that purpose, having used it with very satisfactory results. Respectfully, GUST. E. PERSON.

Lambert's "Death to Lice"

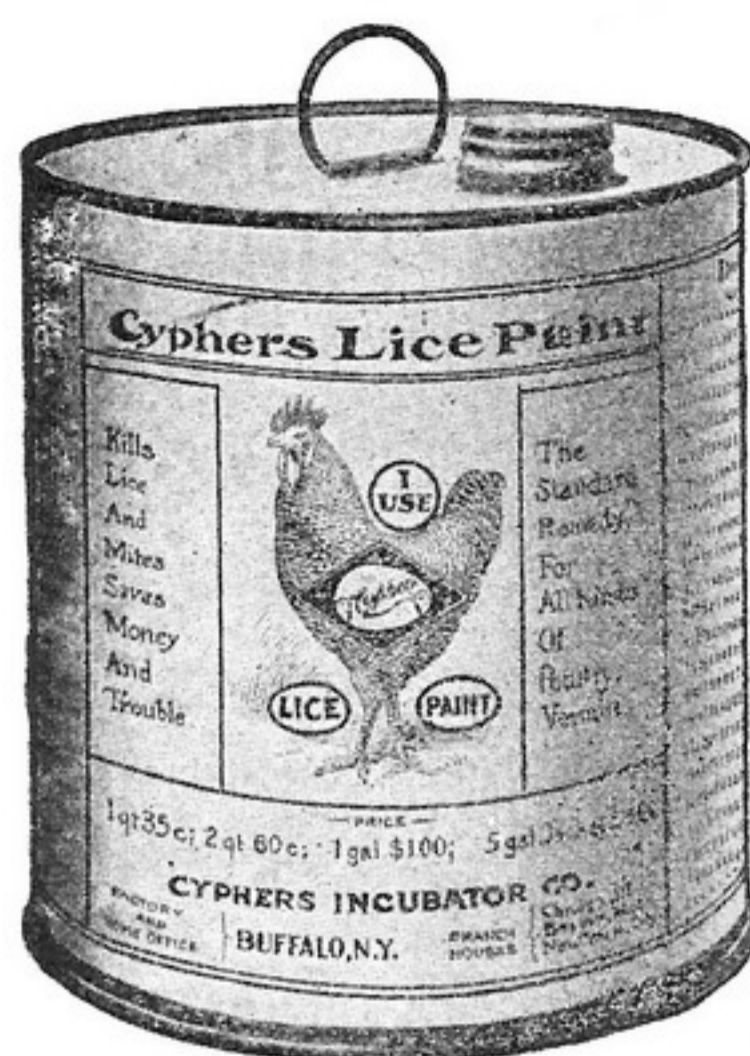
Lambert's Preparations for this purpose are standard, reliable goods, well known and used by poultrymen the country over. "Death to Lice" can be used as an insecticide for bugs on bushes or vines, vegetables, plants, etc. Sitting hens, well dusted twice during incubation, will not leave their nests on account of lice. If your hens are near your stable, sprinkle the horse brush with "Death to Lice" before using and your horses will be safe.

Prices: 5-oz. box (trial size) 10c., postpaid, 15c.; 15-oz. box (regular size) 25c., postpaid, 40c.; 48-oz. package (farmers' size) 50c., postpaid, \$1.00; 100-oz. package, (poultrymen's size) \$1.00, express paid, \$2.00.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Cyphers Lice Paint

A Safe and Sure Liquid for Killing all Insects Affecting Poultry or Stock



Cyphers Lice Paint is a liquid lice destroyer especially prepared for killing all insect parasites of poultry. It is also useful for killing all lice, mites and ticks affecting horses, cattle sheep and hogs.

It is safe and easy to use, and at the same time stronger than any other lice killer, as it is not diluted with cheap adulterations which would impair its effectiveness. It does the work and does it economically. This lice paint was formerly known as "Surekil."

How to use it. The method of applying Cyphers Lice Paint is easy, safe, simple and sure. To free fowls from lice, thoroughly paint or spray the roosts and droppings boards in the poultry houses occupied by the fowls to be treated. The fumes rising from the paint kill the mites and lice on the fowls while the birds roost at night. The spraying or painting should be done in the middle of the afternoon, three or four times a month. This will insure safety and freedom from lice and mites for the fowls. The fumes of the lice paint are not injurious to the birds, but are fatal to parasites.

To rid small chickens from lice, place them in a box, the floor of which has been painted with Cyphers Lice Paint, and covered with a thin layer of straw or hay. Confine the chicks to the box by covering it with a single thickness of coarse burlap, leaving an opening to admit pure air. The chicks should only be confined a few minutes, since Cyphers Lice Paint is of necessity strong, and small chicks are delicate.

Lice on hogs. To kill lice on hogs spray their bedding thoroughly with Cyphers Lice Paint. It is also a good plan to give their rubbing posts a coating of the liquid.

Lice on horses and cattle. To treat horses and cattle for lice cover the animals with an old blanket which has been sprinkled or sprayed with lice paint. In the case of mange or itch you will find this method of treating effective.

Full directions for killing lice, mites and ticks on poultry, horses, cattle, sheep and hogs, on the label of every package of lice paint. Bear in mind that Cyphers Lice Paint is strong—it has to be to do the work—for lice are hard to exterminate.

Where our customers wish to use a sprayer for applying, we recommend either the Aspinwall or Cataract Sprayer described on page 32 of this catalogue.

We protect our customers from diluted lice paint and imposition by not selling Cyphers Lice Paint in bulk.

If you are looking for something cheaper, dilute one part of Cyphers Lice Paint with one part of kerosene oil, and you will then have a liquid as strong and deadly as any other lice killer on the market. We, however, do not recommend this procedure, but only make the suggestion in order to protect our customers against paying high prices for weak solutions claimed to be "just as good." Liberal terms to agents. All agents appointed and agency business transacted from Home Office, Buffalo, N. Y.

Prices of Cyphers Lice Paint

1-quart cans, each.....\$.35	1-gallon cans, each.....\$1.00
2-quart cans, each......60	5-gallon wood jackets each... 4.00

Lee's Lice Killer

For Lice, Mites and Insects Affecting Poultry and Stock

Lee's Lice Killer is a liquid preparation for destroying insects on chickens, hogs and other stock. It was especially designed for killing lice and mites on chickens and hogs without the necessity of handling, dipping, dusting or greasing fowls or animals.

A handy, convenient and economical way to apply Lee's Lice Killer is by using the Aspinwall or Cataract Sprayer. See description, page 32.

We are sole eastern distributors for the Geo. H. Lee Co.'s Insecticides, Remedies and Foods, in every State east of and including Ohio and Michigan, and are prepared to quote prices to the trade, not only on Lee's Lice killer, but on the entire line of Lee products.

The retail trade will be supplied from our nearest branch. **All wholesale and agency business is handled from our home office and factory at Buffalo, N. Y., where all correspondence relative to this matter should be addressed.** Agents wanted in every town.

Lee's Lice Killer is not sold in bulk. Demand it always in original packages—yellow-painted cans bearing our name and trade mark.

Prices

1-quart can.....\$.35	1-gallon can\$1.00
½-gallon can......60	5-gallon wood-jacket can..... 4.00

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

TRADE **NAPCREOL** MARK

A Concentrated Preventive of Disease. Guaranteed to Do the Work

Napcreol Prevents Disease.—To protect the flocks from disease, poultrymen must adopt certain sanitary precautions. This object is best accomplished by the frequent and regular use of a good disinfectant and deodorant like Napcreol. Until we placed this preparation on the market it was difficult for poultrymen to obtain a desirable germ killer and odor destroyer, at a reasonable cost, since nearly all articles of this nature that are dependable were manufactured expressly for the protection of human beings, and were priced accordingly. Realizing that poultrymen were needing a superior article of this kind at moderate cost—an article that could be depended on not only to kill germs, but to prevent and cure disease—the Cyphers Company, after careful investigation and experiment, met this demand by placing Napcreol on the market which we guarantee to be without an equal as a disinfectant, deodorant and disease preventive, for the use of poultrymen.

Napcreol is a highly-concentrated, non-poisonous preparation which is made ready for immediate use by simply mixing with the required amount of water. **One gallon of Napcreol will make 100 gallons of disinfectant.** It is invaluable for the disinfection of poultry houses, stables, dog kennels, toilets, sinks, cesspools, or any other place where a good germ and odor destroyer is needed.

For Poultry it is not only a valuable disinfectant, but also a remedy for germ diseases. *Its use prevents disease.* Furthermore, it will cure roup, diphtheria, cholera, chicken pox, gapes, sore eyes, canker, scaly leg, favus and diarrhoea. It destroys worms and other parasites. It is valuable for cleansing the drinking fountains, and for freshening, sweetening and disinfecting brooder houses, breeding houses, and poultry runs.

It may be used in the bath or as a dip in the proportion of from one teaspoonful to one tablespoonful in a gallon of water. This strength will kill mites, fleas, ticks, lice and other parasites.

Napcreol makes an excellent ointment for curing mange, favus, chicken pox, scabies and scaly leg, by adding one teaspoonful of the full strength fluid to half a pint of melted lard, and stirring the whole until cool.

While Napcreol is good for all the purposes we have mentioned above, it is for its efficiency as a disease preventive that we recommend it most highly. Used regularly for disinfecting buildings and runs, it positively will prevent disease, providing the disinfection is thorough, and that before it is used the diseased fowls are removed from the flock. No matter how good a disinfectant is, or how carefully it is used, if diseased birds are allowed to remain or are added to the flock, the object for which the disinfectant is intended will be defeated. Napcreol is never sold in bulk. Full directions on every can. Agents wanted. All correspondence concerning agencies or wholesale business should be addressed to the Home Office and Factory, Buffalo, N. Y.



Prices of Napcreol

Half-gallon cans.....\$0.85 Gallon cans.....\$1.50

What Our Customers Say of Napcreol

"Kills Mites." "Cures Scaly Leg."

Cyphers Incubator Co.: Andover, Mass., Feb. 7, 1903.

I can strongly recommend your Napcreol; it is indeed all you claim for it. I have given it a severe test as a mite destroyer, and it did the work to my entire satisfaction. In cases of scaly legs, it is a sure cure. For sweetening poultry houses, brooders and drinking fountains it is the most reliable disinfectant I have yet used.

C. H. BRICAULT, M. D. V.

"The Right Thing for Cleansing Drinking Fountains."

Yardley, Bucks Co., Pa., Feb. 20, 1903.

Cyphers Incubator Co.:

The Napcreol purchased of you has proved to be the right thing for cleansing drinking fountains and disinfecting the poultry houses. It is excellent for using in the sick room; the odor from it is invigorating. In fact, it is the best thing of the kind on the market.

G. A. McFETRIDGE.

"A Practical Disinfectant." "Kills Mites."

Assinippi, Mass., July 15, 1903.

Cyphers Incubator Co.:

We have used Napcreol the past season and find it very satisfactory. It is a practical disinfectant and destroys all odors. We also find that it not only kills mite lice, but stops their breeding. We would not be without it.

FARRAR BROS.

"A Fine Disinfectant and Purifier."

Chazy, N. Y., Feb. 9, 1903.

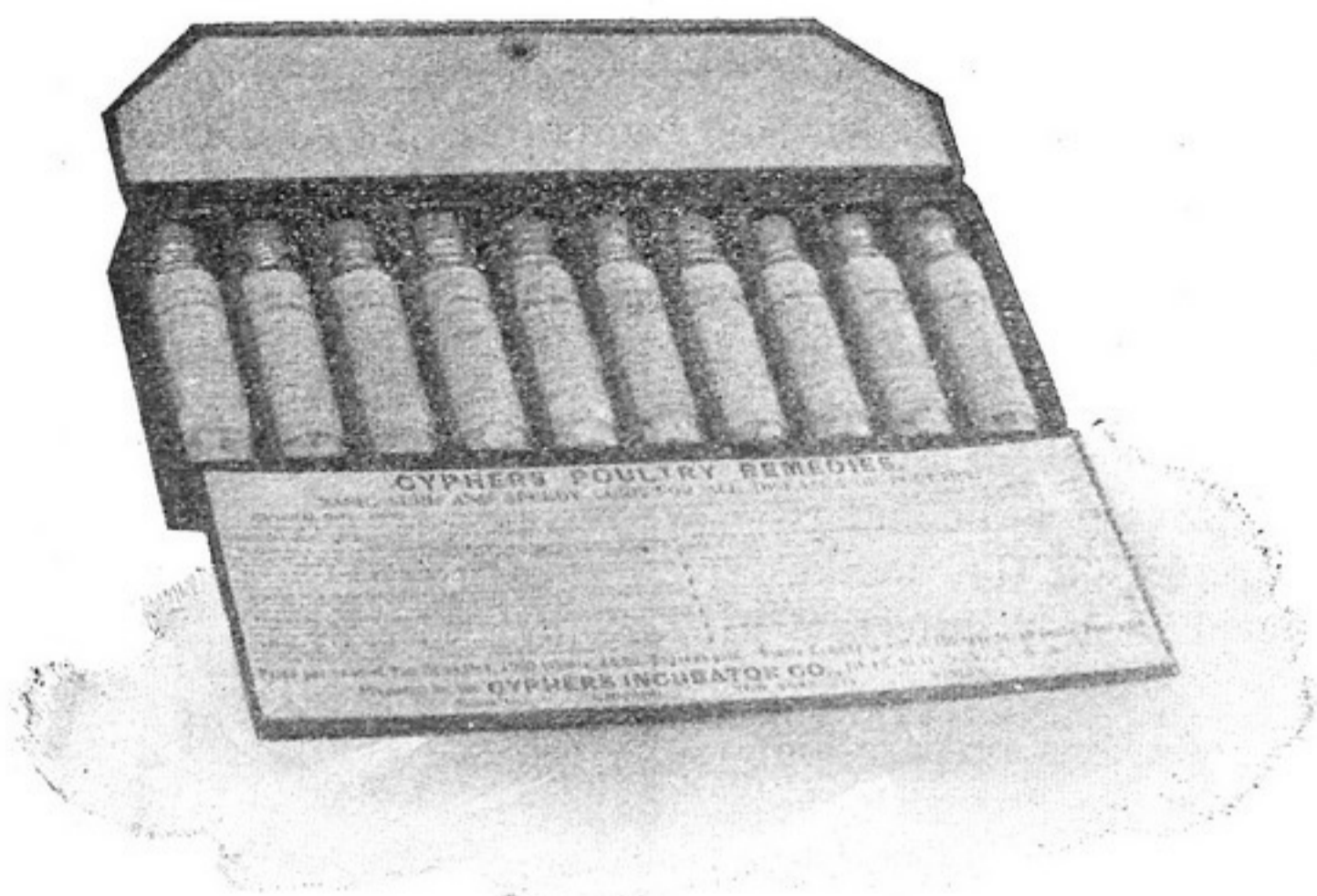
Cyphers Incubators Co.:

Napcreol certainly is a fine disinfectant and purifier. A few drops cleanse and sweeten our drains, etc. It is a valuable factor in the poultry business, being serviceable in a dozen different ways for germ and insect destruction, and a very agreeable odor is exchanged for the filth and stench which too often offend one's nostrils on a poultry plant.

FRANCES ELLEN WHEELER.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Cyphers Medicine Case of Standard Poultry Remedies



Cyphers Poultry Remedies represent an armament sufficiently complete for combatting all the common diseases of poultry and checking at the start any threatened epidemic. They are of the same quality as has been used for many years in treating diseases of mankind. Equipped with the Cyphers Medicine Case, the fancier or poultryman will be prepared to ward off any disease that may attack his flocks. The 10 remedies are put up in a neat, strong, cloth-covered case. Each bottle is labeled, showing dosage and the disease which its contents will cure and prevent. Complete directions for use, in plain English, are attached to the lid of each case, and are printed on the label of each vial.

These remedies are the ones recommended by the best authorities in the leading poultry journals. They are used extensively by experienced poultrymen, are thoroughly reliable, and can be depended upon to do what we claim for them.

Remedy No. 1. Arsenite of Antimony 3x. Useful in all catarrhal colds of poultry having rattling in the throat as a prominent symptom. Cures bronchitis, croup and similar diseases.

Remedy No. 2. Aconite, Bryonia and Spongia Comp. 2x. Valuable for all sudden colds with snuffles, watery discharge from eyes and nostrils, and much sneezing. Prevents and cures roup. Useful in all diseases resulting from exposure to cold and dampness.

Remedy No. 3. Hepar-Sulph. 2x. Useful in all ailments where there is a tendency to pus formation. In chicken-pox and bumble-foot it promotes rapid healing of the sores. It cures chronic catarrhal colds of poultry which are accompanied by a hard, croupy cough.

Remedy No. 4. Mercury Bichloride 3x. For all diarrhoeas of poultry. It is the most reliable cure for cholera, and when used in the drinking water will cure the most obstinate cases. Valuable for diarrhoea in small chicks, especially when accompanied by a watery or a bloody discharge.

Remedy No. 5. Mercury Protiodide 2x. Cures diphtheritic roup, and all forms of canker. Also useful in vent, gleet and all ailments where there is a tendency to cheesy growths upon mucous membrane.

Remedy No. 6. Nux Vomica and Sulphur 2x. For all forms of indigestion and liver diseases in poultry. It cures sour crop, indigestion, loss of appetite, constipation and some forms of crop-bound. Also useful in nervous diseases, like limber neck.

Remedy No. 7. Pulsatilla 2x. Is useful in egg-bound. Successfully used to promote healthy action of the egg organs and start hens laying after moulting. Valuable in eye diseases of poultry accompanied by the swelling of one eye, with a collection of yellow matter under the lids. Also useful in blindness in chicks, where there is a tendency to the gumming up of the eyelids.

Remedy No. 8. Rhus Tox 3x. For rheumatism and cramps in fowls or chicks, particularly when accompanied by swollen legs, lameness and difficulty in walking.

Remedy No. 9. Santonin 2x. Useful to get rid of worms and other intestinal parasites.

Remedy No. 10. Ustilago Madis 2x. This remedy is used with great success for the cure of the disorders of egg organs, which cause soft-shelled and blood streaked eggs. It promotes a healthful condition of the reproductive organs, and will correct sterility and impotence, thus insuring fertile eggs.

These remedies are in tablet form, and will not deteriorate or lose strength with age, if kept in our case or otherwise protected from strong light. This supply of medicines will last the average fancier from one to five years. The tablets are given by dissolving them in the drinking water and allowing the birds to take their own medicine, no other drink being supplied.

Price of complete set of 10 remedies put up in a neat cloth-covered case (see illustration), postpaid to any address, \$3.00. Single vials, mailed in strong, specially prepared mailing tubes, 40 cents each. *Order separate vials by number.*

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Roup Cure—Cures Roup

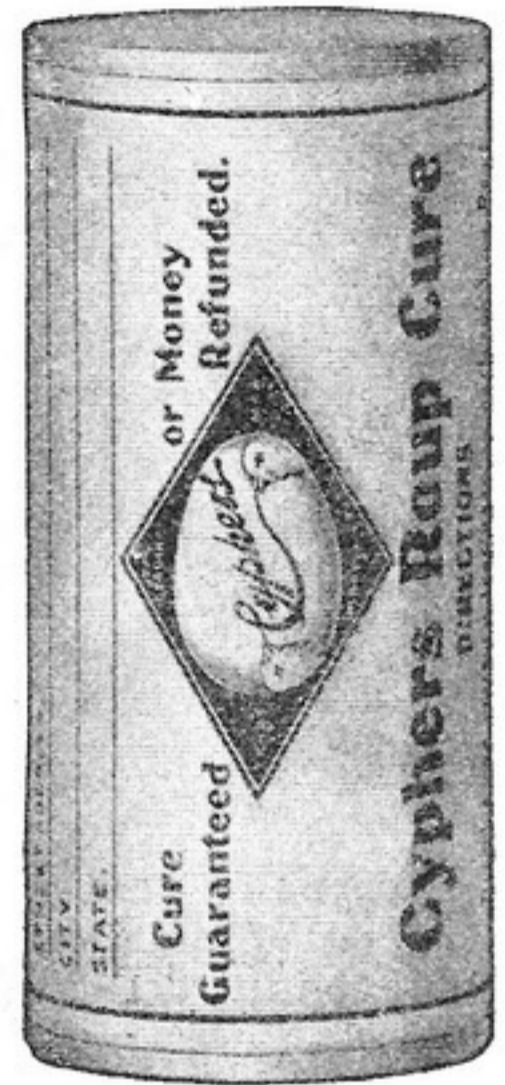
Cure Guaranteed or Money Refunded

Cyphers Roup Cure is the best possible remedy for roup in all stages and forms. It is thoroughly reliable and dependable. Roup is the most common, and, next to cholera, the most deadly disease affecting poultry. Every poultryman should take precautions to safeguard his flocks against this dread disease. Roup is a contagious catarrhal disease caused by a specific germ. It may attack any flock, and usually follows neglected, simple colds. The symptoms are, first, frothiness and bubbles in the corners of the eyes, then there are sneezing, snuffles and a watery discharge from the nostrils and eyes. This discharge always has a foul odor—the “roup smell.” Whenever this “roup smell” is present there roup exists. Later, the watery discharge becomes thickened and the nostrils caked. Gentle pressure causes a fetid, slimy oozing from the nostrils. The odor is very foul and clings persistently to whatever it touches. The bird's head may swell, the eyes bulge out, and cheesy masses may form in the mouth and throat and beneath the eyelids; this condition is known as diphtheritic roup, or cankerous roup. In roupy birds the feathers about the shoulders and under the wings are fouled and gummed up with the filthy, evil smelling discharges, caused by the bird sleeping with its head beneath its wing, and by its rubbing its eyes and nose on its feathers to free them of the irritating matter. This disease is fatal to fowls if neglected.

Taken in time, and a good roup cure promptly used, this dreaded disease can be permanently cured. The only way that it can be cured is to take it early and apply the remedy at once. For this reason every poultryman should keep a supply of roup cure always on hand, and so be ready to meet any emergency.

Cyphers Roup Cure Cures Roup, it prevents and cures common colds, and for canker is without an equal. Pigeon growers as well as poultrymen will find this remedy of especial value in the cure of all forms of canker in poultry or pigeons.

Cyphers Roup Cure is used by simply dissolving the remedy in the drinking water. The birds take their own medicine. Full directions for the use of this remedy will be found on the label of every package.



OUR GUARANTEE. We know that the Cyphers Roup Cure is without an equal, and that it is a positive cure for this dread disease. So thoroughly confident are we of this fact that we guarantee a cure in each and every case of roup where Cyphers Roup Cure is used according to our directions. We will refund the purchase money if it fails to effect a cure. If after using Cyphers Roup Cure you are dissatisfied with it, return to us within thirty days of date of purchase the empty package stating when and where the Cyphers Roup Cure was bought, and get your money back.

Quality and quantity considered, Cyphers Roup Cure is exceedingly economical to use. The value of one fowl saved will more than repay the cost of a large-sized package of the remedy. One small-sized package will make twenty-five gallons of roup medicine when dissolved in the drinking water. The large-sized package contains three times as much as the small size. Agents wanted. All agents appointed and all wholesale business transacted from Home Office, Buffalo, N. Y.

Prices of Cyphers Roup Cure

Small-sized package, 50 cents, postpaid. Large-sized package, \$1.00, postpaid.

Conkey's Celebrated Roup Cure

Conkey's Roup Cure is guaranteed by its manufacturers to cure roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds, and is unequalled for canker, especially in pigeons.

Prices—Small-size package, 50 cents, postpaid. Large-size package, \$1.00, postpaid.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Anti-Fly Pest

Easy to Apply, Safe to Use, Lasting in Effect

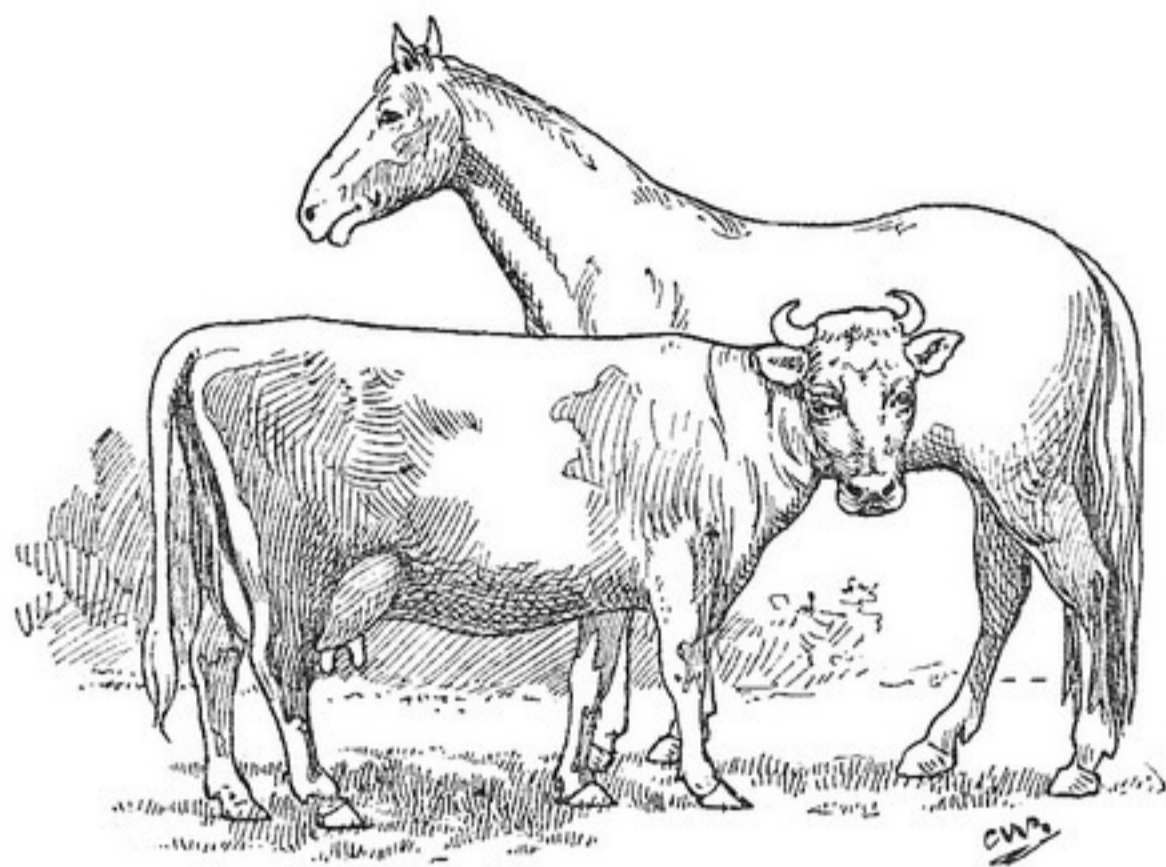
All preparations heretofore offered as fly preventives either leave a gummy substance on the hide of the animal or are of such a nature that the fly-driving properties are short lived.

Those preparations that gum the animal's coat generally contain large quantities of tar or fish oil, and the odor of the tar impregnates the milk or butter made from the cattle treated, while the fish oil, after the tarry odor has evaporated, rather serves as a food to attract flies than drive them away.

Those remedies which easily lose their effectiveness have for their base, as a rule, kerosene or crude petroleum, and besides not being lasting in effect are objectionable for the reason that they work serious injury to the animal's coat.

Anti-Fly Pest is lasting. It leaves no gummy substance behind and does not injure the animal's coat.

Anti-Fly Pest is sure death to flies, but it is our aim to drive rather than kill them. To kill flies they must come in contact with the remedy, and this annoyance is what we wish to avoid. We, therefore, claim that our preparation is superior to those which have only killing properties.



Anti-Fly Pest protects mostly by evaporation—the fumes do the work.

One application instantly relieves horses and cattle from all annoyance from flies, mosquitoes, gnats and insects of all descriptions for at least 24 hours. Its effect on cows is wonderful; it insures them perfect rest, and a chance to feed in peace and quiet, resulting in an increased quantity of milk with less food consumed. If your horse is thin-skinned and is troubled by flies, give **Anti-Fly Pest** a trial. It is not always necessary to spray the horses or cattle, for while standing in the barn it is sufficient to spray the sides of the stalls and stanchions. Your horses cannot do the best and most work if continually fighting flies, neither can your cow give you as large a quantity of milk if she spends half her time protecting herself from winged pests.

Cows sprayed with **Anti-Fly Pest** will produce 25 per cent. more milk. One gallon is sufficient to treat 300 cows. For applying we recommend the Aspinwall or Cataract Sprayer described on page 32.

All prices to the trade quoted and agents appointed from Home Office, Buffalo, N. Y.

Prices

1/2-gallon can.....\$0.50

1-gallon can.....\$0.75

5-gallon jacketed can.....\$3.50

Orwell, N. Y., Jan. 29, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

DEAR SIR:—We were well pleased with the **Anti-Fly Pest** bought of you last season. By spraying our cows in the morning they were kept practically free from flies, while those of our neighbors who did not spray were bitten so badly that there were raw sores on them.

Wishing you success, I remain,

Yours truly, W. C. HOLLIS.

Sardinia, N. Y., Jan. 25, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

GENTLEMEN:—The **Anti-Fly Pest** proved very satisfactory. I shall use it the coming season.

Yours, W. L. SPENCER.

Lebanon, N. J., Jan. 26, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

DEAR SIR:—The **Anti-Fly Pest** which we used in our dairies gave fine results. I sold **Anti-Fly Pest** to 20 or more of our dairy farmers last season and they spoke very highly of it, saying, "I want some more."

Very truly yours, GEO. N. CLARK.

Luncanna, N. C., Jan. 27, 1903.

Cyphers Incubator Co., Buffalo, N. Y.

DEAR SIR:—The **Anti-Fly Pest** bought of you is the best **Anti-Fly Pest** I ever used. I consider it economy to use it on stock in fly time. Yours respectfully,

L. F. LUCAS.

Cyphers Pure Sulphur Fumigating Candles

Cyphers Pure Sulphur Fumigating Candles are equal to any fumigating candles on the market regardless of price. They are easy to light, easy to extinguish, safe to use, and produce a vapor deadly to all infectious diseases, disease germs and insect life. We offer these candles to poultrymen as the equal of any candle on the market, **regardless of price.**

They are used by placing the candle in a small dish (which accompanies every candle) filled with water. The employment of water in connection with burning sulphur is not only an element of safety from fire, but adds to the efficiency of the candle by producing a vapor which greatly increases the germicidal power of the sulphur fumes. If you want to kill every disease germ, louse or mite in your poultry house or dwelling, light one of these little candles and close up the house or room tight for three or four hours.

Prices: Complete with water pan, each....\$0.15; by mail, \$0.25 Per dozen, by express...\$1.00

We are prepared to job these candles in dozen or gross lots to the trade, f. o. b. Buffalo, N. Y.



FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

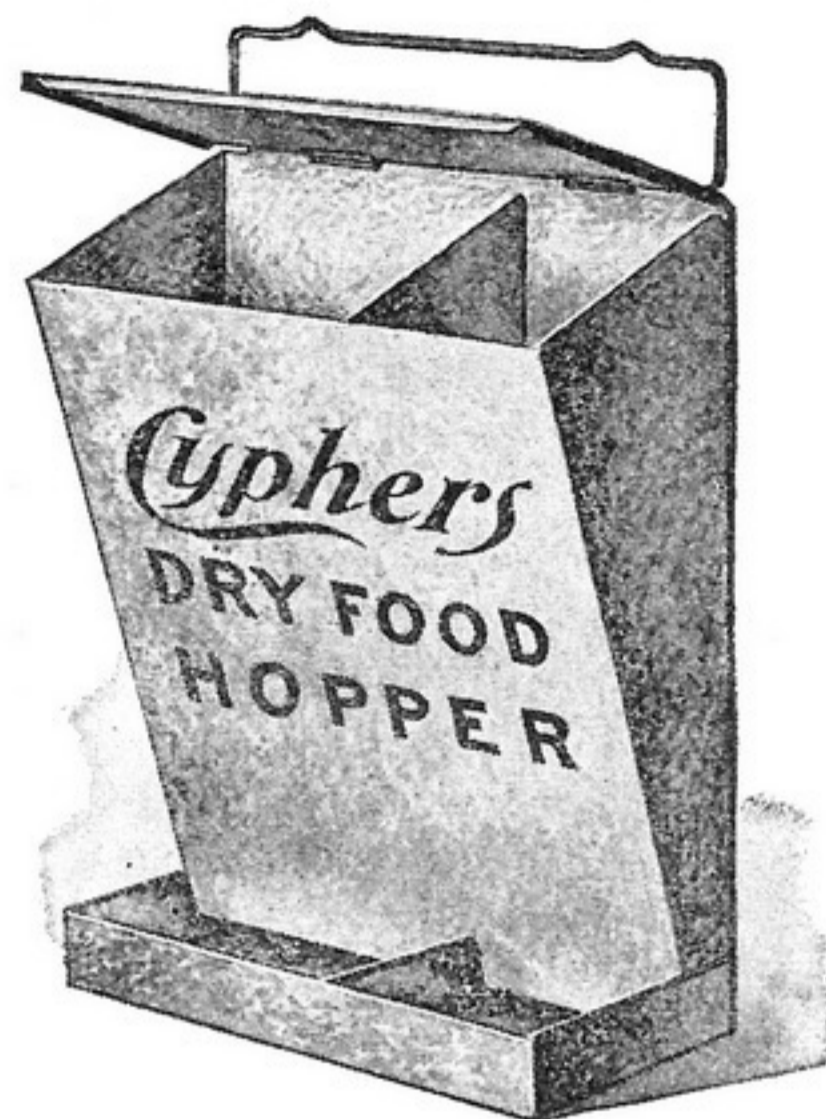
Cyphers Dry-Food Hopper

An Economical and Sanitary Self-Feeding Device for Use with Dry Food

Cyphers Dry-Food Hopper is a practical labor and food saving device for feeding dry grain food, either whole or ground. Its use reduces the amount of labor on the poultry farm to a minimum. These hoppers are well made of heavy galvanized iron, are practically indestructible and will last a lifetime with ordinary usage.

The Cyphers Dry-Food Hopper has two compartments—a large one for grain mixtures, holding about six quarts, and a small one for beef scrap, holding about three quarts. The front of the hopper is high enough to prevent waste and at the same time permit easy access to the food. It is provided with a hinged cover, which protects the grain at all times from moisture and filth, and is also supplied with a strong bail handle for convenience in filling and handling. These hoppers are intended to be hung against the wall of a poultry house. By their use we find that the birds balance their own ration.

Fowls soon adapt themselves to this method of feeding, and it is a most economical and practical one. Those who are interested in dry feeding and desire to economize on the cost of grain and beef scrap cannot afford to be without the Cyphers Dry-Food Hopper. The price is very low, quality considered, and places them within the reach of all. Price of Cyphers Dry-Food Hoppers, each, 75c.



Cyphers Grit and Shell Box

Necessary on Every Well-Organized Poultry Plant



Cyphers Sanitary Grit and Shell Boxes work a material saving in grit, oyster shell, ground bone, charcoal or poultry foods. They are thoroughly practical self-feeding boxes, well made out of heavy galvanized iron and are practically indestructible. This style of box is made with three compartments—for grit, oyster shell and charcoal—but where a small flock is kept may be made to serve the purpose of a dry-food hopper. Like the dry-food hopper, it is provided with a cover or lid, which protects the contents, and being placed at an angle furnishes a slanting top, preventing the fowls from roosting on the top of the box. This practical feature is a part of both the dry-food hopper and the shell box. Like the larger box, it also is provided with a strong bail handle for convenience in carrying and by which it may be hung to the wall of the poultry building.

Price of Cyphers Sanitary Grit and Shell Box, each,.....\$0.50

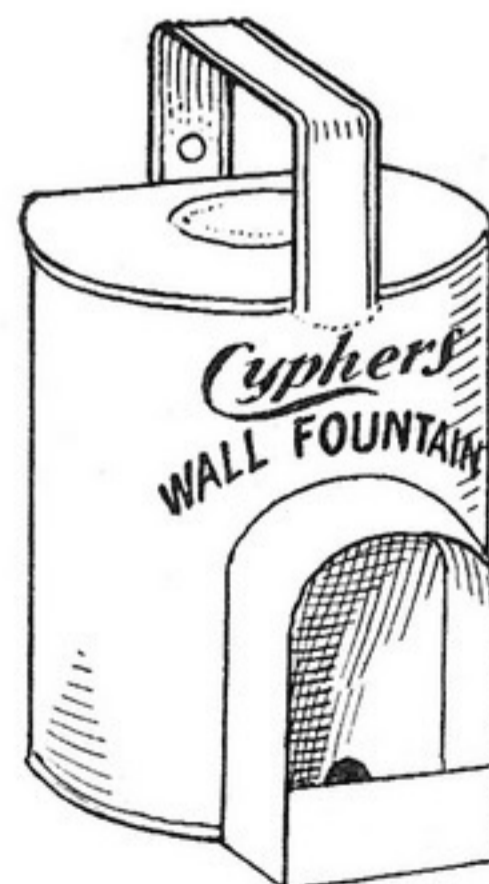
Cyphers Wall Fountains

These fountains are something new and extra serviceable in the way of poultry fountains. One side of the back is flattened so that it can be hung on the wall of a building, or against an upright post or board at any height. A galvanized-iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls and are especially useful for pigeons. They will not break by freezing, and are readily cleaned by filling with round pebbles or shot and shaking thoroughly.

These fountains are made of the best galvanized iron, and guaranteed to last many years with proper treatment. We recommend them as first-class in every particular. They are made in two sizes.

Prices of Cyphers Wall Fountains

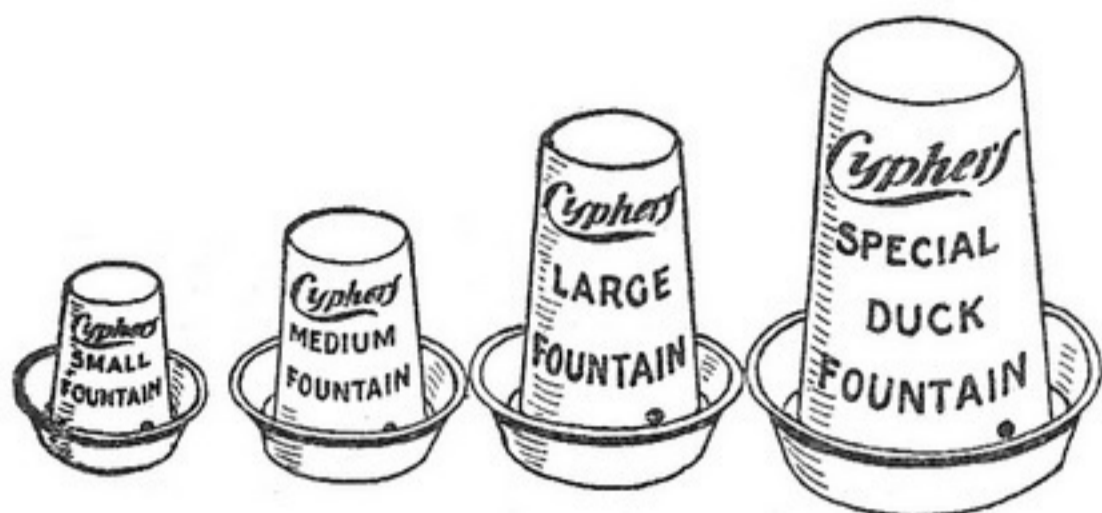
One-gallon size, each.....\$0.50
Two-gallon size, each..... .75



Cyphers Galvanized-Iron Drinking Fountains

One of the most important appliances for use in the poultry yard is a truly sanitary drinking vessel. While cleanliness in feeding is very desirable and must receive careful attention, the water supply is more often the medium that conveys contagious disease from one fowl to another. Food is picked up by the fowl and swallowed without the remainder becoming contaminated, but the water in the drinking vessel comes in contact with and is infected by the discharges from the nostrils of ropy fowls and those having

canker, chicken pox, and other head and throat diseases. It is essential, therefore, that the drinking fountain shall be not only a suitable vessel for holding water, but it also should be easy to clean, and of such material and construction that it may easily be kept clean.



Cyphers Galvanized-Iron Drinking Fountains.

The Cyphers Fountains are made of heavy galvanized iron, all seams being carefully turned and soldered. The tops are flat, the sides converging slightly from the bottom upward. They are given this shape so that in freezing weather the pressure of ice that may form inside will not split the seams. The top is left flat, so that where numbers of the fountains are used they can be emptied, rinsed and left standing top downward,

ready to be filled successively without the bother of reversing each fountain and holding it while the water is poured in.

The Cyphers Fountains are light in weight and because of their shape can be "nested" and shipped to great distances at small expense.

We make these fountains in four sizes. The smaller size, capacity one quart, is designed for chicks, and is especially handy for use in brooders, nurseries and other small apartments in which little chicks are kept. The medium size, capacity two quarts, is for the use of larger chickens, ducklings, or for small or medium-sized flocks of fowls. The large size, capacity three and one-half quarts, is designed for large chickens, ducklings and adult fowls. The largest size holds two gallons and is used extensively by breeders of ducks on a large scale, and by growers of other water fowl.

Prices of Cyphers Galvanized-Iron Drinking Fountains

Small Size.....each, \$0.18	Medium Size.....each, \$0.25
Large Size.....each, .35	Special duck size.....each, .50

Hallock Food and Water Holders (Patented)

The Cyphers Company owns the patent under which these food and water holders are manufactured. Undoubtedly this is the best device of the kind on the market. They are made in one-gallon, two-gallon and three-gallon sizes, and are recommended both as food and water dishes. The tops and bottoms of these holders are separable by placing the palm of the hand on the top of the upright post, slipping the fingers under the iron brace that is fastened to the upper metal pan, then pressing downward, causing the wires to spread, thus releasing the lower pan. By this method the lower pans may be quickly filled for use, or, after using, can be cleaned with ease and despatch. To replace the upper part, again press down on the wooden post, which will spread the wires. As the pressure is removed these wires will come together and firmly clasp the wire-bound rim of the pan. The holder may then be carried about with perfect safety, for the greater the weight the tighter the grip of the wires.

These wires prevent the chicks or fowls from getting into the pans and soiling the food or water. Where the small size is used for chicks four weeks old and over, it prevents their soiling the food or water, and removes all danger of drowning. No better arrangement could be devised, either for outdoor or indoor use. For ducks we recommend the three-gallon holder; also for turkeys and geese. Where these holders are used a saving of 15 to 25 per cent. may be counted on in the soft food used. Upwards of 10,000 of these holders have been sold and we have numerous testimonials endorsing them.



Hallock Patent Food and Water Holders.

Prices of Hallock Food and Water Holders

Small (one-gal.), each, \$0.75	Medium (two-gal.), each, \$1.00	Large (three-gal.), each, \$1.25
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FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Ovinaphthol Nest Eggs

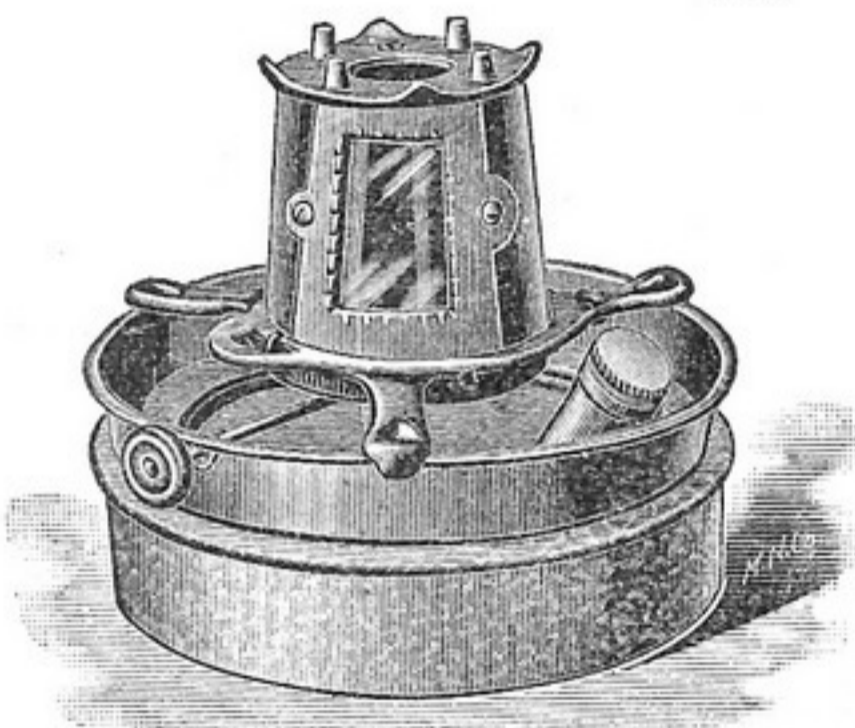
Our Ovinaphthol Lice Killing Nest Egg is the standard combined nest egg and lice killer. By simply using it in the nests in the same manner as any ordinary nest egg is used, laying hens are ridded of lice and mites and are able to occupy the nests with comfort. The use of this nest egg insures absolute freedom from all kinds of insect pests in the nest. They are always at work, safe to use and certain in results. Being prepared with great care for this special purpose they will last a long time and always retain their effectiveness. This makes them the most inexpensive medicated nest egg that can be used. They are standard size eggs, tinted a natural brown color. Only the genuine bear embossed on each egg the words, "Ovinaphthol Nest Egg." They are sold by all dealers, do not accept worthless substitutes. Agents wanted, address Home Office and Factory, Buffalo, N. Y.



Prices of Ovinaphthol Nest Eggs, each.....\$.10

Per dozen.....\$.75

Cyphers Safety Brooder Stoves



These stoves positively have no equal. No other brooder stove on the market has as large a water pan or holds as much oil. The safety water pan on the Cyphers Safety Brooder Stove holds nearly a quart of water and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water 1 inch to 1½ inches in thickness between the oil bowl and the flame jet. By this arrangement all danger from the generation of explosive gases, arising from the top of the lamp, or the burner becoming heated, is removed, and we have a brooder stove that can be relied on. We have sold thousands of these to persons who build home-made brooders and they give general satisfaction. We strongly advise against the use of a lamp in brooders. The Cyphers Brooder Stove furnishes twice the heat of an ordinary brooder lamp, and lamps are unsafe. Cheap lamps are equipped with cheap burners, which gum up, smoke, and thus endanger the chicks.

Height, 7½ inches: greatest width, 10½ inches.

Stove Complete, Ready for Use.

Each.....\$1.25

Three.....\$3.60

Prices

Six.....\$7.00

Twelve.....\$13.50

Ideal Aluminum Leg Bands

Ideal Aluminum Leg Bands meet with a large sale and give perfect satisfaction. They are light, neat strong and durable, easily and quickly put on, and **guaranteed to stay on.**

This band has a double clinch, making it more secure than the single-clinch style. The lock is also very firm, with no room for friction, consequently will not wear and break off where connections are made, as so often happens with other bands. The Ideal Band is sold in five different sizes. The accompanying illustration shows the exact size. When ordering, specify the size of band you wish.

No. 2 bands are for pigeons; No. 4 are for bantams, except Cochin Bantams; No. 6 for Hamburgs, Polish, Cochin bantams and for all birds in the Mediterranean class, except Minorcas; No. 8 for Minorcas, Cornish Indians and ducks, and all birds in the American class; No. 10 for birds in the Asiatic class, also turkeys and geese.

Prices, postpaid, 12.....\$.15 25.....\$.30 50.....\$.50 100.....\$.75

We are prepared to quote the trade and agents special prices on 1000 lots.

Improved Champion Leg Bands



This is a well-known leg band. It is one of the oldest bands on the market and has met with an immense sale during several years past. It is well and durably made, from one thin strip of aluminum, and is used by hundreds of successful breeders and exhibitors.



They are adjustable to fit any fowl and being held by a double lock it is impossible for them to lose off.

Prices, postpaid.

12.....\$.15

25.....\$.30

50.....\$.50

100.....\$.80

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

1			9		
2			10		
3			11		
4			12		
5			13		
6			14		
7			15		
8			16		

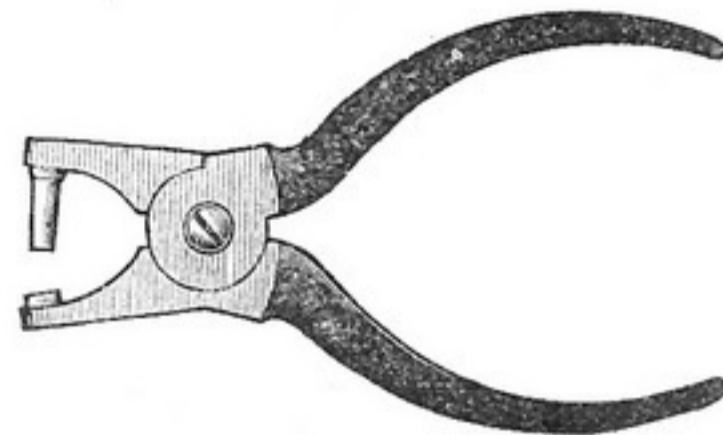
Poultry Markers

The best way to keep a record of the chickens is by punching the web in the chick's foot soon after it is hatched. This can be done at any age, but the best time to do it is soon after it is hatched.

By the diagram illustrated herewith, you will see that sixteen different breeds or matings can be marked with any of the punches illustrated below.

Cyphers Perfect Marker

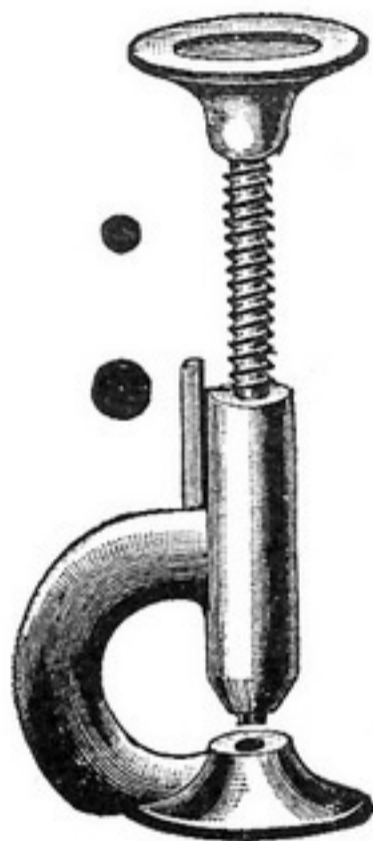
This punch is so simple in construction that it will appeal to all as a practical



tool. Cyphers perfect marker is made especially for the work of marking chicks. It makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches. These punches are made expressly for us, and we guarantee them to meet all requirements. Price, each, 50 cents. Special prices to the trade on dozen lots.

The Philadelphia Poultry Marker

This marker is made in two sizes—one for chicks and one for adult fowls. The sizes of holes punched are shown by the black dots printed at one side of this marker. The large size is made for adult fowls and is too large for proper use on newly-hatched chicks. Price, each, postpaid, 25 cents.



Gape-Worm Extractors

In some localities, partly-grown chicks are attacked by gape worms,



and if not properly treated will succumb to these parasites. They lodge in the windpipe and must be extracted if the fowl is to recover. When one-fourth or one-half grown chicks mope about, lose flesh, and are colorless about the head, look first for lice, and if found reasonably free from lice, then look for gape worms. By pulling the tongue forward, the windpipe can readily be seen, even by those not familiar with

the anatomy of the chicken, and by holding the breast of the chicken toward a strong light and stretching the neck, the light will shine through the skin, enabling the person to see down the windpipe. The gape worms, if there are any, will be found adhering to the walls of the windpipe. The most inexperienced poultryman will have no trouble in removing these worms by the use of our Gape-Worm Extractor. The instrument is specially constructed for the purpose, and is the best Gape-Worm Extractor manufactured. It is effective, and cannot hurt the chicken. Price, postpaid, 25 cents.

Niagara Leg Bands

This is the best and most practical leg band ever brought to our attention. It is made from spring wire, with metal tag made from aluminum. It is constructed so that the wires are slipped into tag, the tag being twisted, so that holes are offset. (See illustration.) After the wire ring is slipped into place the tag is twisted back so the holes are opposite to each other, thus locking the wires so that they cannot possibly slip out until released by hands.

The Niagara Leg Band is extremely light, very durable, and does not cut or chafe the bird's leg. They are easy to put on and when once on we positively guarantee them to stay on. We recommend their use over any other wire band made. Do not confound

this band with other wire ring bands with tag attached. Please note that the wires on Niagara Bands do not cross each other, and that the tag is large, thus giving ample room for the use of large, plain figures. No. 1 for bantams; No. 2 for Mediterranean females; No. 3 for Mediterranean males and American females; No. 4 for large American females, small American males, small Asiatic females, also hen turkeys; No. 5 for American males, Asiatic females and small Asiatic males; No. 6 for Asiatic males and male turkeys. Order by number.

Prices, postpaid — 12, 25 cents; 25, 35 cents; 50, 65 cents; 100, \$1.00. We are prepared to quote the trade prices on lots of 1000 or over. All prices to trade quoted from Factory, Buffalo, N. Y.

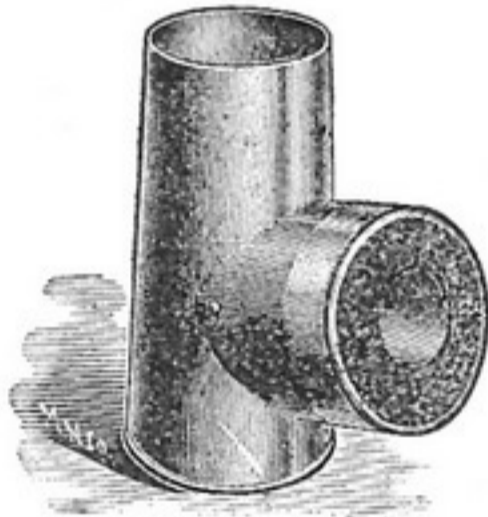


Cyphers Practical Egg Tester

Herewith is shown an illustration, made from a photograph, of the Cyphers Practical Egg Tester — the standard tester in use on large duck and broiler farms and one that embodies the best ideas to date. This tester is 18 inches high, 10 inches wide and 10 inches deep. The top is of galvanized iron. It is equipped with an extra strong reflector of superior quality. The lamp is made of the best block tin, the seams being machine turned, and carefully soldered and tested for leaks. The burner is of the latest pattern and construction. No chimney is furnished, because of the liability of breakage in shipping. An ordinary glass chimney, such as is used on a house lamp, will fit the burner and is exactly adapted to the purpose. In testing, the lamp is lighted and placed inside of the tester in such a position that the broad surface of the flame is on a line with the reflector, which is hung in the opening at the back of the box. This concentrates the rays of the light in the testing tube, located on the opposite side of the box. The eggs are held against a hole in the cloth end of the testing tube. The strong light penetrates the shell and brings to view the development of the contents of the egg, making it possible to discover the degree of fertility or the growth of the embryo. To get the best results this tester should be used in a dark room. Nothing about it can get out of order or wear out, and with proper care it will last a lifetime. Price, complete, including box, lamp and reflector, \$1.00.



Cyphers Practical Egg Tester.



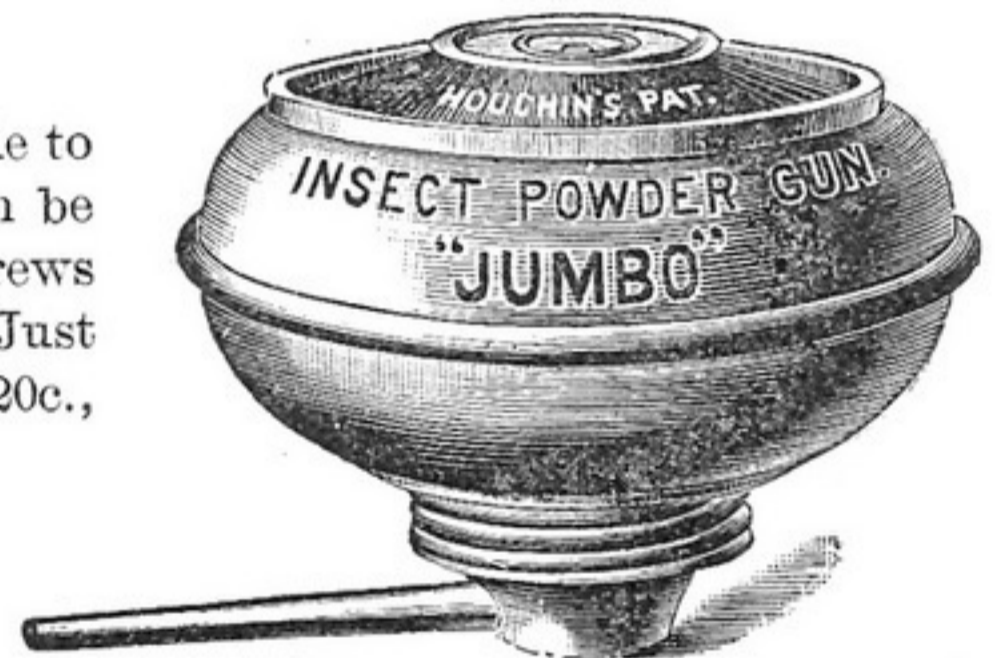
*Cyphers
X-Ray Egg Tester.*

Cyphers X-Ray Egg Tester

The Cyphers X-Ray Egg Tester is used on an ordinary hand lamp and fits over any style of burner with a diameter approximating that of the tester. In a dark room this light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price of X-Ray Egg Tester, 25c. each; postpaid, 35c. each.

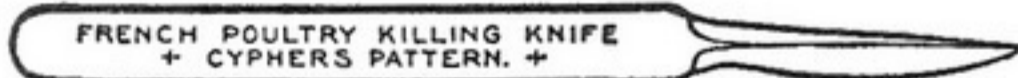
Jumbo Powder Gun

This Insect Powder Gun has been made to meet a demand for as large a gun as can be held in the hand. The bottom, or spout part, as will be seen, screws on or off, and makes a large opening for filling with powder. Just the thing for applying Cyphers Lice Powder. Price, each, 20c., post-paid, 25c.



Poultry Killing Knife

Cyphers Special Pattern



Every poultry raiser who kills and dresses for market, either chickens, ducks, geese or turkeys, should own one of these knives. This knife penetrates the brain in such a manner that the feathers loosen and come off easily. They are made of finely tempered instrument steel, with nickel handle, and will last a lifetime. If you have half a dozen or several hundred fowls to kill and dress for market, one of these knives will prove a highly satisfactory investment. Price, 50c.

Porcelain Nest Eggs

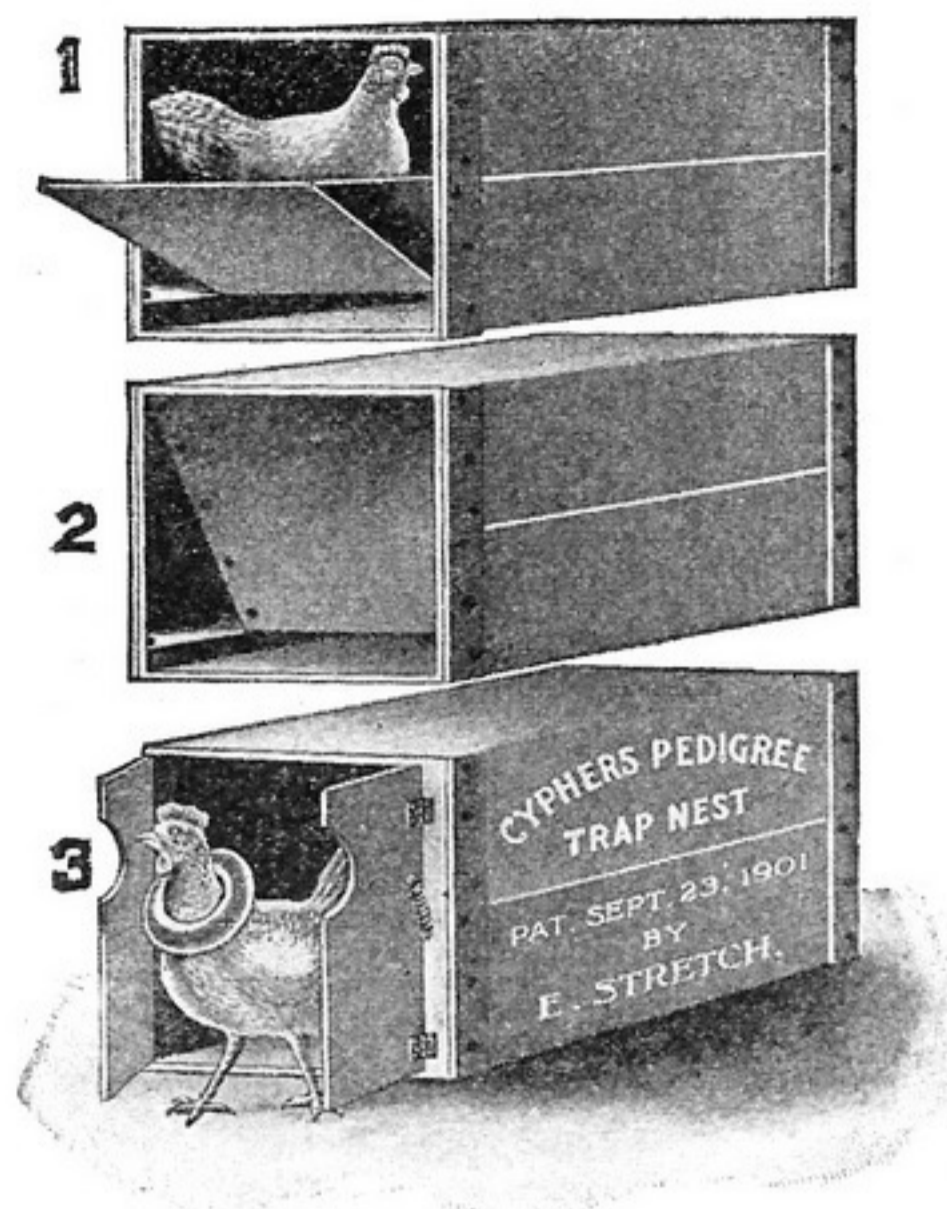
These eggs are made of first-class flint glass, they do not break easily and will last a life-time. Prices, Two, 5c. Per dozen, 25c.

Food or Water Cups

For Exhibition Coops

Made of galvanized iron, strong and durable, hold $\frac{1}{2}$ -pint each, enough for all ordinary purposes. The wires can be bent to secure them to any style of coop. Will soon save their cost in preventing waste of food. Price, each, 15c.; per dozen, \$1.50. If to be sent by mail, add 5c. each for postage.





Cyphers Patent Pedigree Nest

How to tell "which hen laid the egg," and be able to keep track of eggs laid by individual hens without trapping and confining the hens on the nest, but instead of this letting them go free at will after each hen has laid, has long been a "consummation devoutly to be wished." Positively, the Cyphers Patent Pedigree Nest does all this and requires only a minute each day to be arranged or "set." Note illustrations. As soon as the hen goes in the nest, see Fig. 1, it closes as per Fig. 2. When the hen that has laid goes out of the box, she takes with her around her neck, a collar with the nest number on it, Fig. 3. This collar can be taken off in a moment's time by the poultryman, but the hen herself cannot work it off, as it settles under the hackle feathers, showing only on the breast. To the best of our knowledge this is the only nest ever invented that traps the egg and allows the hen to go off when she chooses. It is infallible. We have never known a hen to refuse to use it when placed at her disposal. Cyphers Patent Pedigree Nest is simple in construction, will not get out of order, is neatly painted, sells at a low price and any fancier who wishes

to make satisfactory progress cannot afford to be without it. Prices, Size No. 1, for Asiatics, \$1.75; Size No. 2, for Mediterranean and American Classes, \$1.50; Size No. 3, for Bantams, \$1.25. 5 and 10 per cent. discount on half dozen, and dozen lots, respectively, in one order.

Wire Nests

These nests are strongly made from heavy japanned steel wire and will last a lifetime. They are intended to fasten to the wall with screws or screw hooks. There is no room on them for lodgment of lice or vermin of any kind; they are easy to keep clean and are far superior to wooden boxes. Prices, Each, 15c. Per dozen, \$1.50. Special prices for large quantities.



High-Grade Tested Thermometers

The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

The thermometers here listed are manufactured especially for us, and are thoroughly and expertly tested before they are shipped.

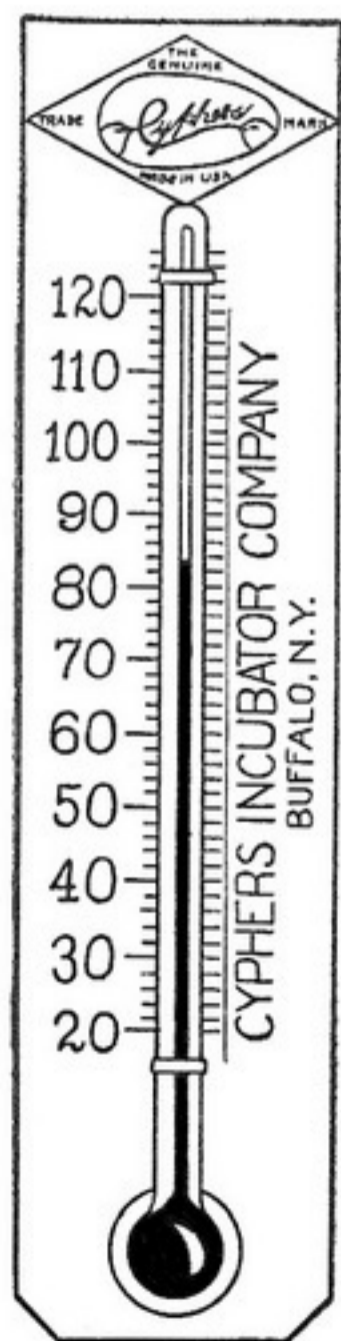
We carry thousands of these tubes year after year, so as to avoid using anything but well seasoned glass tubes, and offer no thermometers which have not aged at least two years.

After February 1, 1904, our trade-mark will be on every genuine Cyphers Thermometer.

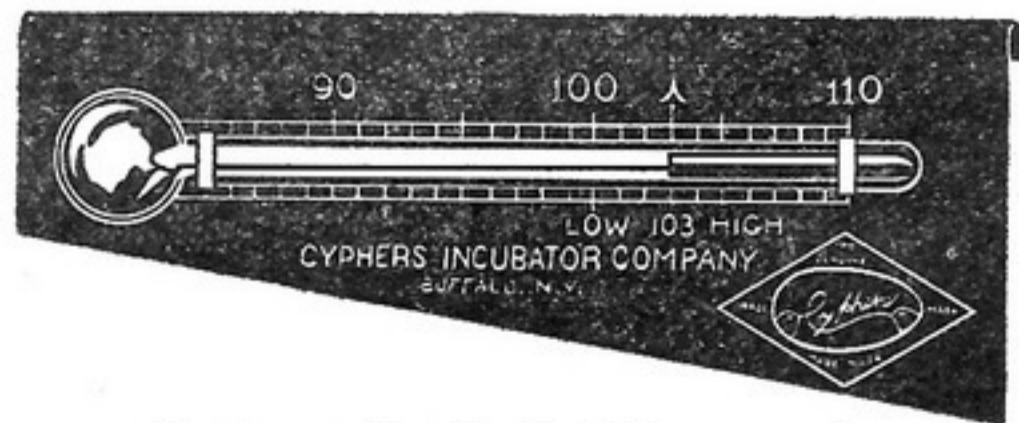
Prices

Cyphers Incubator Thermometers, each, postpaid, 60c. Two, postpaid, \$1.10. Twelve, by express, \$5.00. Cyphers Brooder Thermometers, each postpaid, 45c.

Two, postpaid, 80c. Twelve, by express, \$3.50. Cyphers Brooder Thermometers, mounted on wooden holder, for use in Cyphers Brooders, each, postpaid, 55c. Reclining Thermometers, each, postpaid, 75c. Two, postpaid, \$1.40.



Cyphers Brooder Thermometer.



Cyphers Incubator Thermometer.

Imperial Egg Package

Light Compact Strong

In offering this new package for shipping eggs we do so with confidence that it will receive more universal patronage than has ever before been accorded an egg shipping box. It is so constructed that each egg is incased in a cylinder made of heavy corrugated paper, which conforms to the shape of the egg, the end of each egg resting on a cushion support, thus giving absolute protection to the vital parts. These cylinders are adjustable to any size egg and absolutely prevent breakage.

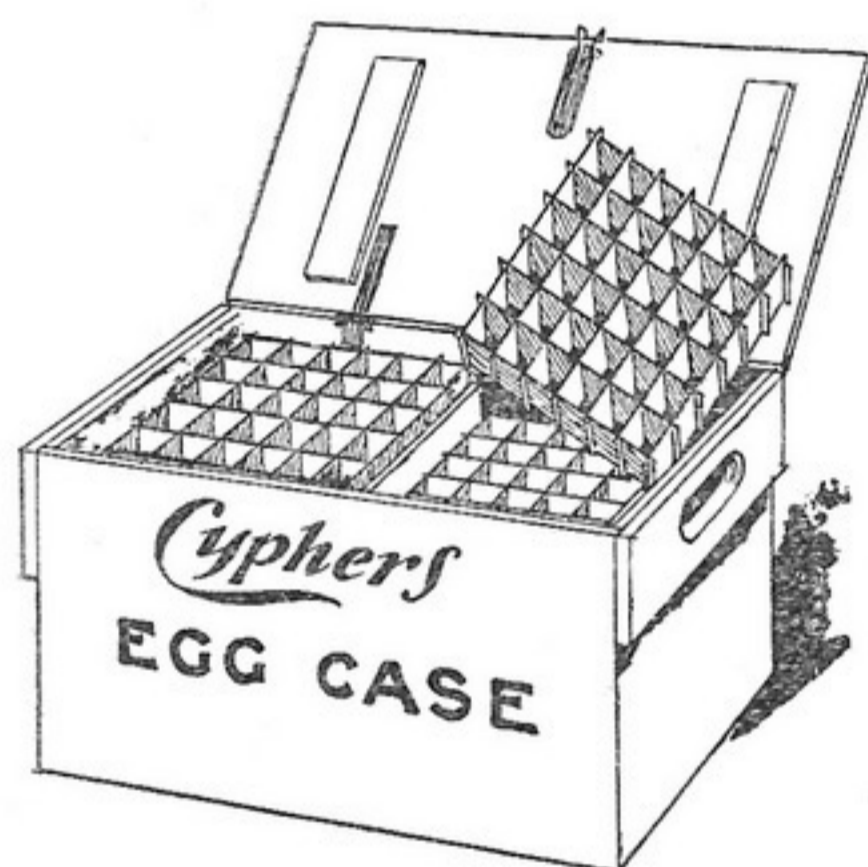
The Imperial Package possesses great strength and is built of good, strong material. Every package is equipped with a strong, stiff wire handle, which locks the lid of the box, and is attached by passing through the sides, and fastened by turning the ends back against the inside of the box. Our 30 and 45-egg packages are specially strong and compact. The eggs are placed in tiers one above the other, the layers being separated by a thick pad of single-faced, extra-heavy, corrugated paper, and there is no way in which the contents of this package can be tampered with without leaving traces, when our directions for packing, which accompany every box, are followed.

Prices — 15-egg size, per doz., \$1.50, per 100, \$11.00; 30-egg size, per doz., \$2.00, per 100, \$14.00; 45-egg size, per doz., \$2.50, per 100, \$18.00



Showing Construction of Imperial Egg Package.

Cyphers Egg Cases—For Shipping Market Eggs

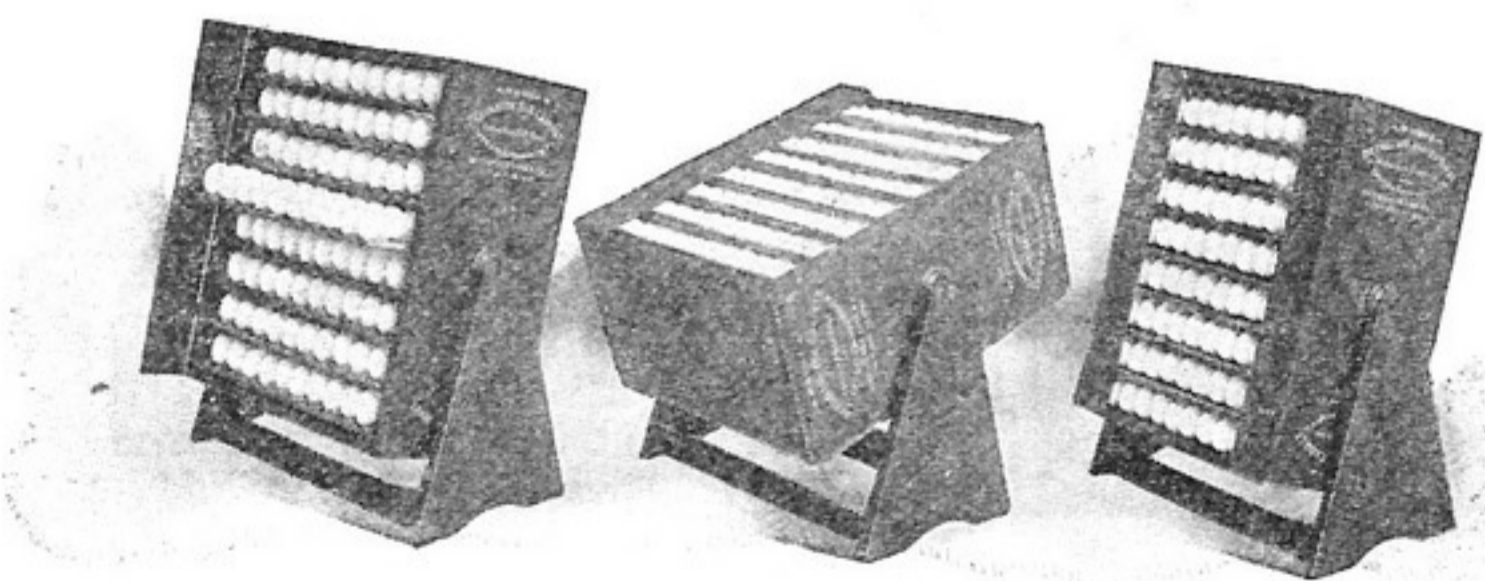


We manufacture these cases from well-seasoned lumber, dressed on both sides, and guarantee their strength and durability. The covers are fitted with double hinges, so that they may be doubled back without injuring the covers, also fitted with fasteners by which the cover can be locked when it is closed down.

The partitions and fillers are manufactured from A1 extra heavy cardboard and will stand three times the rough usage as will the ordinary filler. These cases will last years with ordinary usage. They are first-class for shipping large numbers of eggs for hatching. On such occasions one tier of fillers may be taken out to make room for the additional packing necessary. Each case is divided into two parts, each half holding five squares of fillers, three dozen eggs to a square. Do not compare these cases with cheap cases made from light stock. One size only, capacity 30 dozen. Prices—Complete, including fillers, 90 cents. Extra fillers, per 30-doz. set, 30 cents. Dividing boards, per hundred, 40 cents.

Woods Revolving Egg Cabinets

Eggs intended for hatching should be turned daily; the warmer the temperature the more necessary that they be turned. Eggs for market should be turned every two or three days if kept any length of time. Woods Revolving Egg Cabinets are practical devices for doing this work and meet a widespread need among poultrymen who save eggs for hatching. Every well-equipped poultry plant should have one of these cabinets. The saving from the loss in broken eggs and the loss of time in handling will soon equal the purchase price. Eggs for table use (not fertilized) have been kept from three to four months in an ordinary cellar by using these cabinets.



Woods Revolving Egg Cabinet in Three Positions, Showing How the Eggs are Turned.

Prices of Woods Revolving Egg Cabinets

150-egg size, weight 30 lbs.....	\$3.00	560-egg size, weight 75 lbs.....	\$ 6.25
288-egg size, weight 55 lbs.....	5.00	1050-egg size, weight 100 lbs.....	10.00

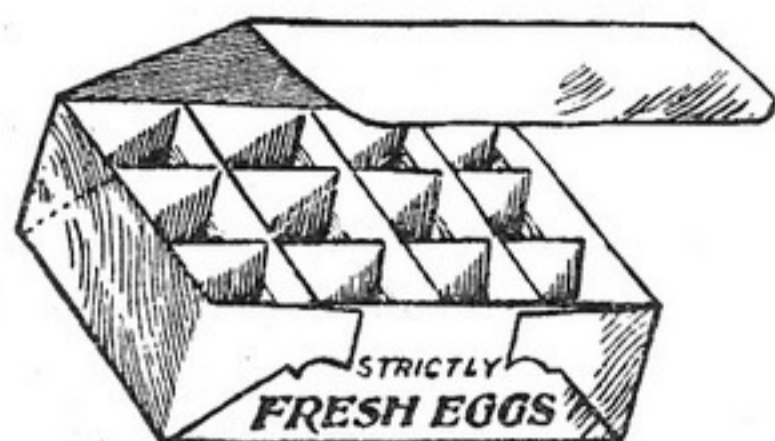
Woods Pony Cabinet

We recommend this cabinet to fanciers who have small numbers of eggs to turn. Simply reversing the cabinet does the work. Price of Pony Cabinet, capacity 72 eggs, 75 cents each.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Ideal Paper Egg Boxes

Just the Thing for Your Family Egg Trade



These boxes are intended for use in delivering eggs to private families. They are exceedingly neat in appearance and go a great way toward making satisfied customers. They ship "knocked down," can easily be set up and can be sent by express or freight at very low rates. The customer, after using contents, can take them apart and return them.

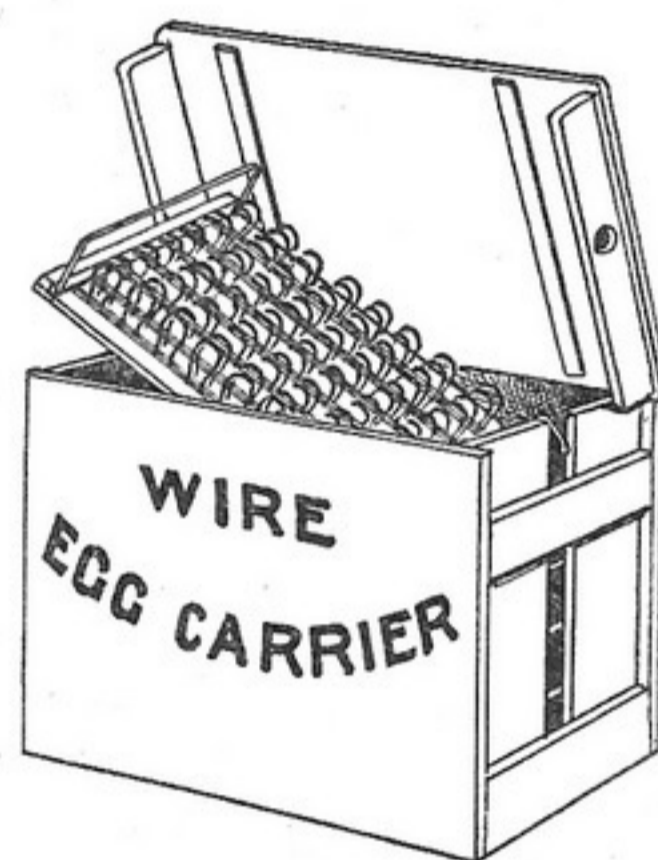
Prices—1-doz. size, per doz., 25c.; per 100, 90c.; per 1000, \$5.50; 2-doz. size, per doz., 45c.; per 100, \$1.75; per 1000, \$12.00.

Wire Egg Carriers

The latest invention in wire and wood for the shipment of eggs. This is the best Wire Egg Carrier manufactured in the United States for shipping fresh eggs to market. It has never been equaled and cannot be excelled. It is simple and strong, and the fact that it has been used for years shows that it meets all requirements. When our Wire Egg Carriers are used eggs will always arrive in good condition and in such shape that they can be examined by the purchaser in a moment's time. They do not become musty, as when shipped in the old-style cases, as each egg is held separate from the others by springs of steel wire which permit a free circulation of air and give perfect ventilation, the ends of the cases being slightly open. These carriers have been thoroughly tested and will carry the eggs in a perfect manner without breakage. We offer them in five different sizes.

Prices

6-doz. carrier trays and case combined, weight 9 lbs.....	\$1.00
9-doz. carrier trays and case combined, weight 11 lbs.....	1.25
15-doz. carrier trays and case combined, weight 15 lbs.....	1.50
25-doz. carrier trays and case combined, weight 20 lbs.....	2.00
30-doz. carrier trays and case combined, weight 23 lbs.....	2.25



Cyphers Shipping Coops

We claim that this **shipping coop** is the lightest, strongest and most durable coop on the market. It is made from well-seasoned lumber and is extremely light; this reduces express charges. These coops are shipped knocked down, but they are practically set up when compared with other makes of knocked down coops. The sides are nailed to corner cleats, and the ends to top and bottom cleats; hence, all it is necessary for the poultryman to do to make ready for use is to drive one-inch nails in each corner.

Your attention is also called to the dimensions of these coops. They are of sizes which our experience has taught us to be the proper ones for shipping birds safely. Many coops are too wide, thus permitting birds to turn in them and injure the tail feathers; other coops are altogether too low, not giving the birds a chance to stand, and subjecting them to drafts. There is positively not a better coop manufactured than the *Cyphers Shipping Coop*. They are wind-proof, strong, light and durable, and we believe that Cyphers customers who are interested in having their shipments reach destination safely will be willing to pay the necessary price to get a first-class article.

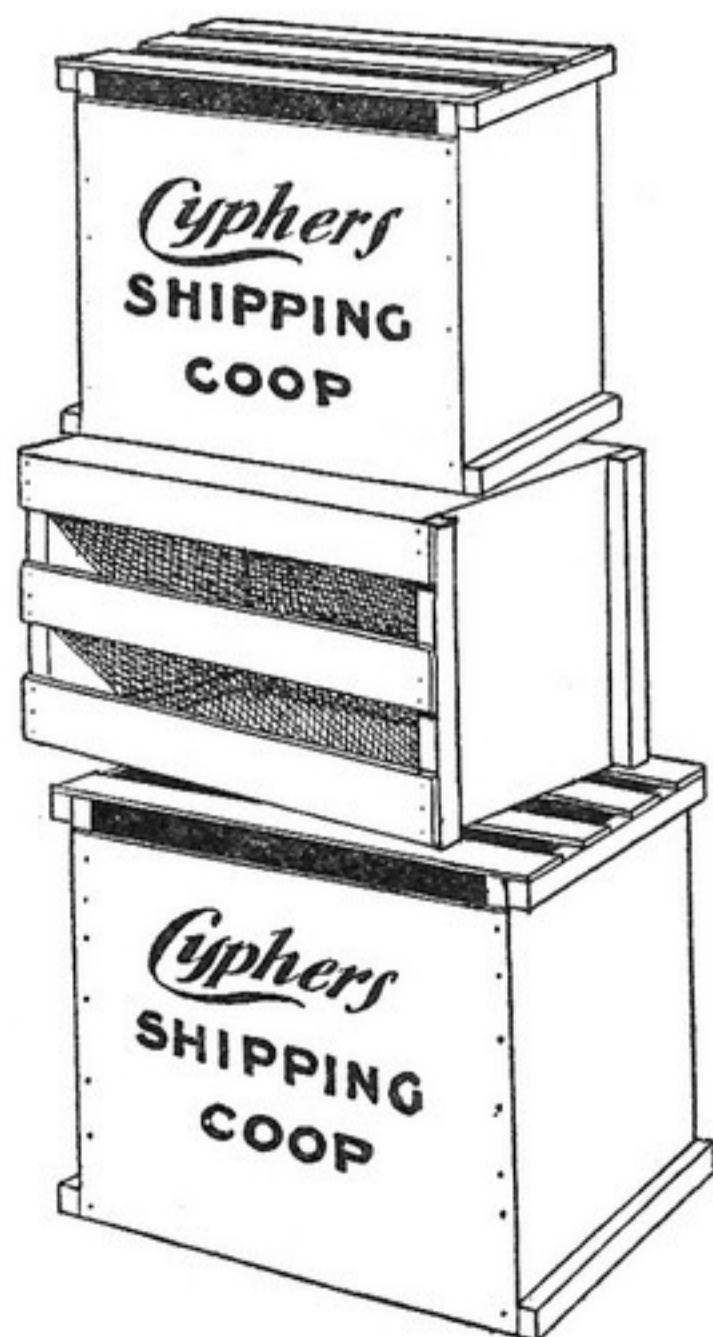
No. 2, 10½ in. wide, 18 in. long, 21½ in. high, is suitable for single birds of any variety or a pair of Mediterraneans.

No. 4, 10½ in. wide, 24 in. long, 21½ in. high, is suitable for Asiatic male, American or Mediterranean pair, or small Mediterranean trio.

No. 6, 19½ in. wide, 24 in. long, 21½ in. high, is for pens of five birds of any variety.

In comparing prices, do not compare the prices of these coops with those charged for paper or muslin coops, or with the prices charged for coops made from cheap, low-grade, flimsy lumber.

Prices—No. 2, 35c. each, per doz., \$3.50; No. 4, 40c. each, per doz., \$4.00; No. 6, 50c. each, per doz., \$5.00.

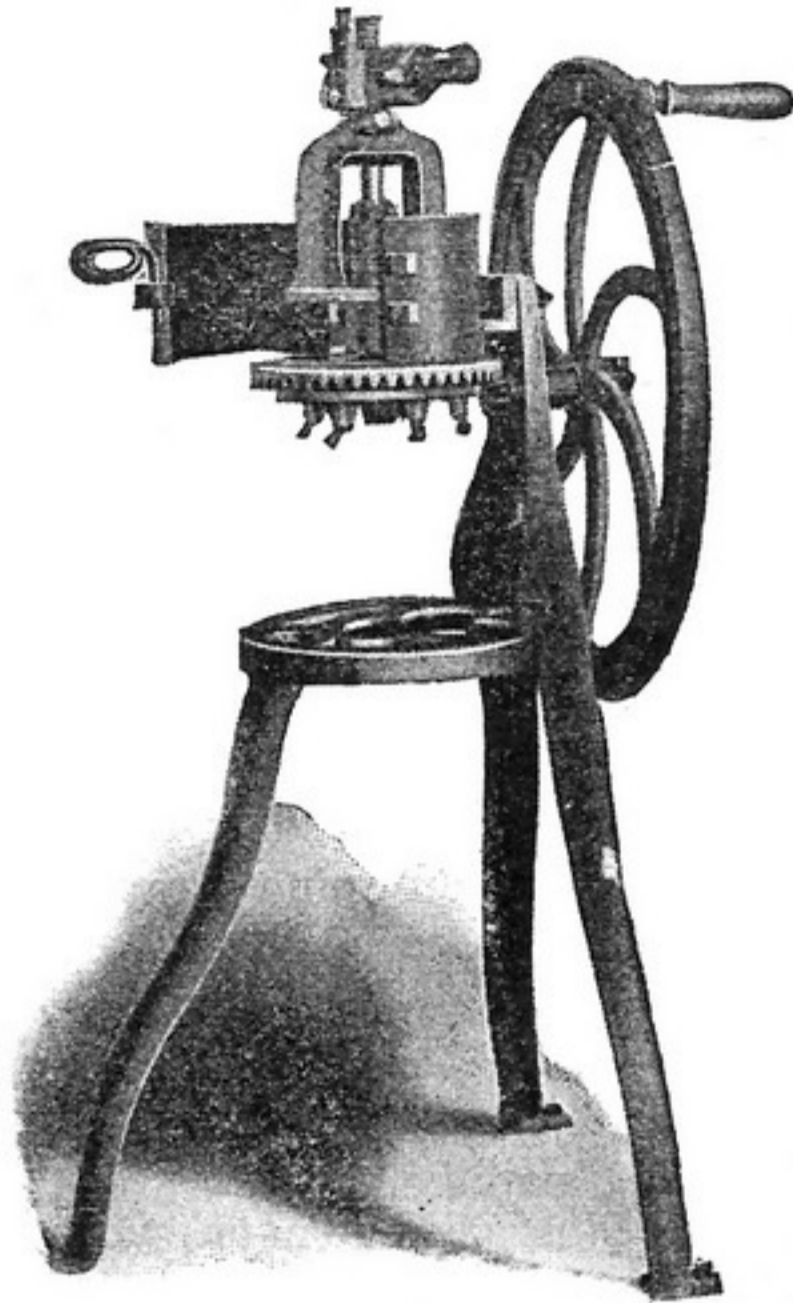


FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Mann's Green-Bone Cutters

Easiest to Fill. Easiest to Clean. Easiest to Turn. Warranted Against Breakage. Guaranteed to Give Satisfaction. Simplest in Construction. Never Get Out of Order.

Every Hand-Power Mann Bone Cutter is warranted by us, against breakage, for one year, and we hereby agree to replace, free of charge,



*Mann's 1903 Model Bone Cutter No. 7
For flocks of 100 to 200 hens.
Price \$12.00.*

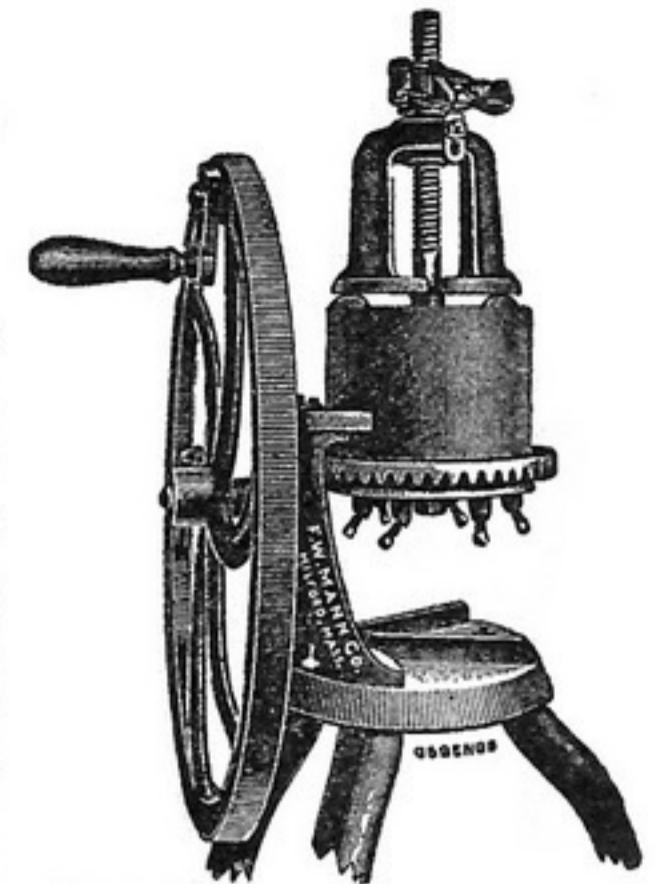
any breakage which occurs while cutting bone, within one year from date of purchase, provided purchaser pays the express charges on the broken part. We will not in any case fail to do this. This means that we know the Mann Bone Cutter stands up to business and has no weak points. The customer who purchases a Mann machine is accordingly assured of a first-class article.

Space does not permit us to illustrate but three of the fourteen styles we are prepared to quote on.

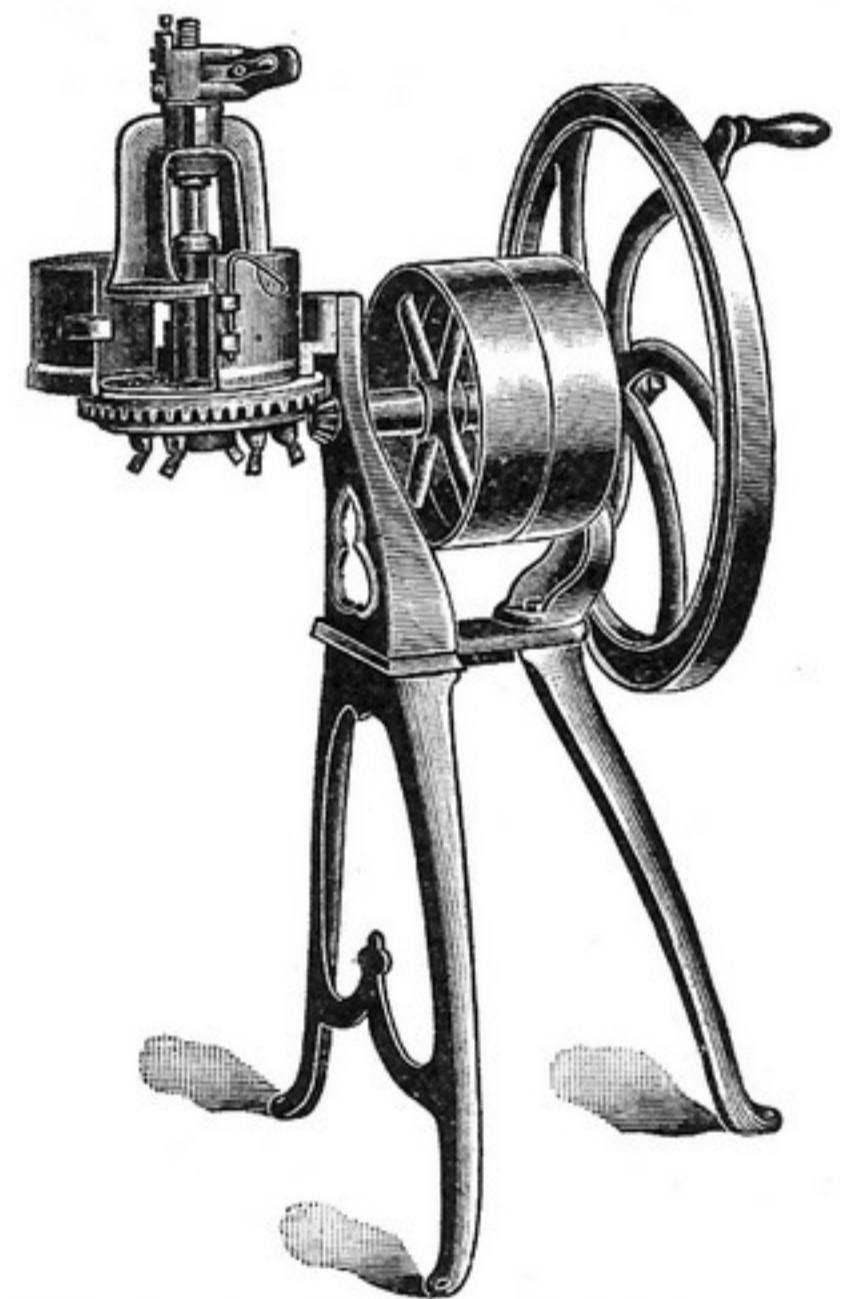
Price, 5 B., same as 5 B. M., except has no iron stand, and must be mounted on table..... \$8.00

Price, 5 C., same as 5 B., except has crank instead of balance wheel..... 6.00

Patented 1903 model No. 7 is equipped with automatic governing spring feed. Large, open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best



No. 5 B. M. Price, \$10.40



No 7 1/2, 1903 Model. Price \$16.00.

features of our old-style machines. Weight, 107 lbs. Cylinder, 7 1/4 inches in diameter, 5 1/4 inches deep. Capacity, 1/2 to 1 lb. per minute. Made in one size only.

No. 7 1/2 is a combination hand or power bone cutter. Adapted to run either way without changing any part. It is always ready for use, intended to meet the demand for a small power cutter. Cylinder same size as No. 7.

Capacity, 50 to 100 lbs. per hour. Weight, 150 lbs.; diameter of the pulley, 11 1/2 inches, 2 3/4-inch face. Speed of pulley, 300 revolutions per minute. The No. 7 1/2 has all the late improvements—special feed, anti-clog, open cylinder, tight and loose pulley, etc.

Mann's Clover Cutter

This is a strictly first-class machine. It is made entirely of iron and steel, and cannot warp or shrink. This cutter was designed with the special object in view of making the knives simple to adjust and easy to sharpen, something that had not been accomplished in any other clover cutter.

In the Mann Cutter there is only one knife to attend to, and that is a straight knife. It is made of the finest steel, securely fastened to a plate that can be set with positive accuracy, yet the knife can be removed in three or four seconds.

The Mann Clover Cutter cuts any kind of hay or clover, either dry or green, and does the work more rapidly than any other hand cutter of the same size on the market. Each revolution of the balance wheel produces twelve cuts, while other cutters produce only three to eight.

Prices: Without stand (for use on bench or table), \$8.00. With iron stand, all complete, \$10.00.



Granite State Food Cooker

The Granite State Cooker is made with *double steel sides*, and can be used for heating or cooking all kinds of food for poultry, hogs, cattle or dogs, also for heating water when butchering hogs, and it has an extra boiler for rendering lard, making soft soap, etc. The sides and linings being of sheet steel plates, and the boiler of galvanized steel, it will neither rust nor corrode, nor require painting.

Prices and Sizes of Granite State Cookers

Gallons	Boilers, Inches	Furnace, Inches, High	Fire Box, Inches, High	Weight, Lbs.	Price
25	20 x 24 x 13	20 x 30, 24	18 x 24, 12	142	\$15.00
50	24 x 36 x 13	24 x 42, 24	22 x 36, 12	195	21.00
100	24 x 60 x 16	24 x 66, 24	22 x 60, 12	238	27.00

Albany Poultry-Food Cooker

This cooker was designed to meet the demand of the poultryman who wants a low-priced cooker and water heater with the added advantages of a dumping arrangement. It is made of the same quality of material as that used in the Granite Cookers and Heaters, but has no grate. The bottom of the fire box should be covered with ashes to a depth of about two inches before starting the fire. The dumping arrangement (for 25-gallon size only) allows the boiler to be tipped so that the contents may be poured out.

Prices and Dimensions of Albany Cookers

Gallons	Boiler, Inches	Furnace, Inches	Fire Box, Inches	Weight, Lbs.	Price
25	20 x 24 x 12	20 x 24, 19 high	18 x 24	60	with dumping arrangement.....\$ 9.00
50	20 x 40 x 15	20 x 40, 19 high	18 x 40	100	without dumping arrangement.. 11.00

The price includes a cover, elbow and one joint of 6-inch pipe.

Banner Root Cutter No. 7

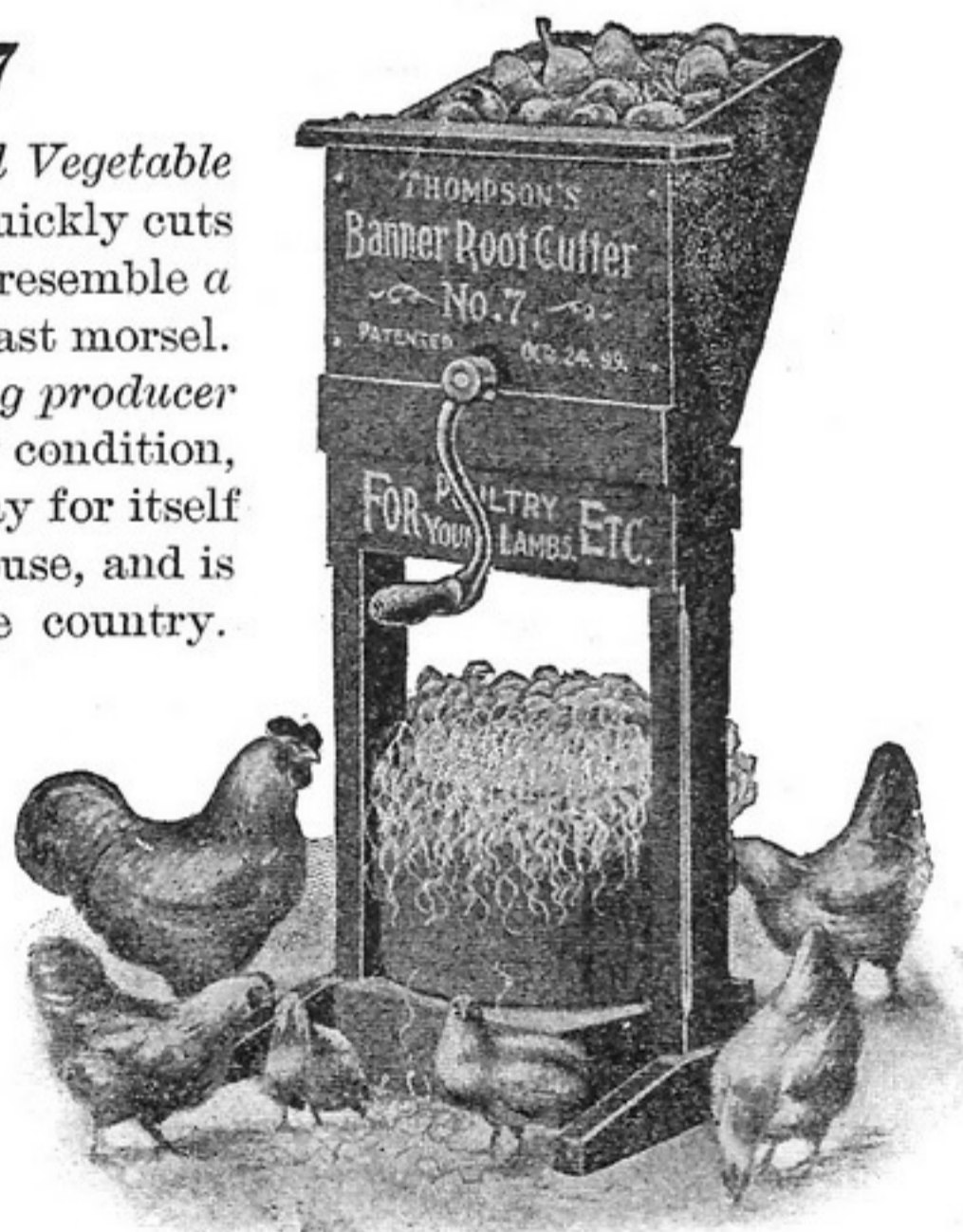
This is an illustration of the *Banner No. 7 Root and Vegetable Cutter*, a machine made expressly for poultrymen. It quickly cuts the vegetables into *long, round, ribbon-like slices* that resemble a bunch of *angle worms*, which fowls readily eat up to the last morsel. The value of this kind of food once or twice a day, as an *egg producer* is unequaled. It also puts the fowls into a fine, healthy condition, acting as a gentle tonic and laxative. This machine will pay for itself in a short time. It is a valuable addition to the poultry house, and is highly recommended by the best poultry experts in the country. Price, \$5.00.

Fanciers' Root Cutter

This little cutter is just the thing for the poultryman who has a few hens and does not wish to go to the expense of purchasing a large machine for cutting vegetables. It is made on the same principle as a kraut cutter. This cutter will be found useful in the household for making kraut or cutting vegetables for the table. Price, \$1.00.

Root Cutter No. 26

To meet the demand from large plants for root cutters, we this year add to our list **Root Cutter No. 26**. This cutter has four knives—two corrugated and two plain. We offer it with a crank for hand power, and with crank and pulley for hand or power. Prices: No. 26, complete with pulley and crank, \$12.00; No. 26, with crank, no pulley, \$11.00.

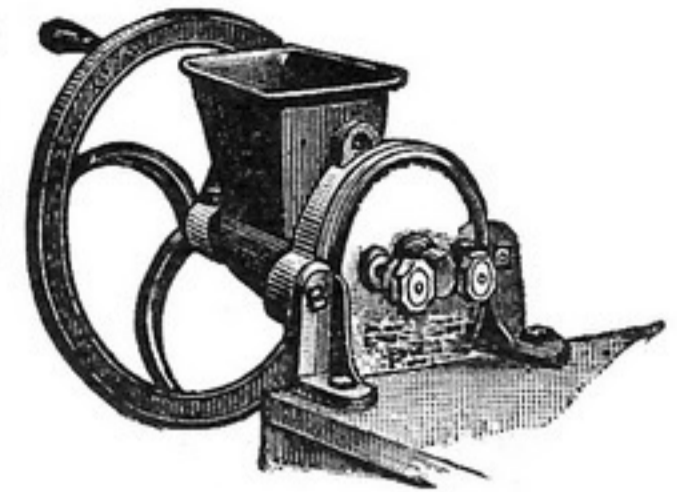


Dry-Bone and Shell Mill

This is one of the handiest appliances in use. It is the best thing for grinding dry bone, oyster or clam shells, coarse grains like corn, charcoal, etc. It is a well-made mill, and thousands of them are in successful use. We have never yet received a complaint from anyone to whom this mill has been sold. The low price at which it is sold places it within the reach of every poultryman, and it will pay for itself in less than one year's time. Diameter of hand wheel, 20 inches.

Prices

Without stand, weight 33 lbs.....\$5.00
With stand, weight 64 lbs..... 7.00

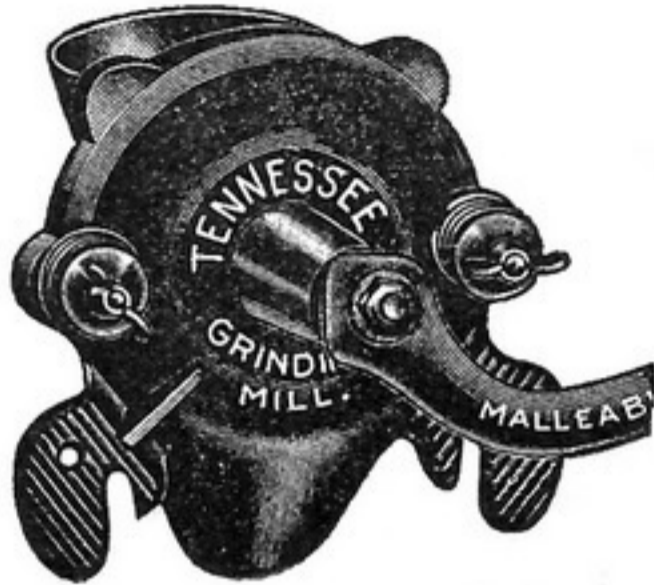


Dry-Bone Mill.

Tennessee Grinding Mill.

For Grain Only—A Cheap and Handy Grinding Mill

Just the machine for the poultryman, or for farm and family use. It is readily taken apart for cleaning or oiling, without the use of tools. Easily adjusted for fine or coarse grinding of wheat, corn or other dry grain or spices. All bearings are chilled; crank of malleable iron. Grinding plates made of hardest and strongest metals. Weight complete, 12 lbs. Price,.....\$2.00; extra grinders, per set, \$.30.



Front View.

Oriole Farm and Grist Mill

No. 2½. Can be Run with One or Two-Horse Power

This mill is built especially for grinding corn on the cob (cob and all), shelled corn, fine corn meal and other grains. The mill is for grinding grain only. It will not grind dry bone, oyster shells, or other like substances. It runs easily, and grinds fine and fast. It is made in the most durable way possible, and has an economy feed. Capacity from 5 to 8 bushels per hour. An extra set of burrs with each mill, free of charge. Weight, 150 lbs. Price, \$25.00

No. 3 Farm Mill

Guaranteed to Work Satisfactorily

Regular size pulley, 8 inches in diameter, for 3 or 4-inch belt. Speed of mill, from 600 to 700 revolutions per minute. This mill will grind **dry bones**, also corn on the ear and small grain. **It is the most complete mill for the farmer.** The burrs are held in place by weight and lever, same as the large power mills. The burrs are so constructed that it is not necessary to run the bone through the mill more than once, grinding it fine the first time. Capacity, 600 to 1000 lbs. of bone in 10 hours; grain 5 to 12 bushels per hour. Can be run with a 1, 2 or 4 horse-power. Weight, 300 lbs. Price, \$60.00.

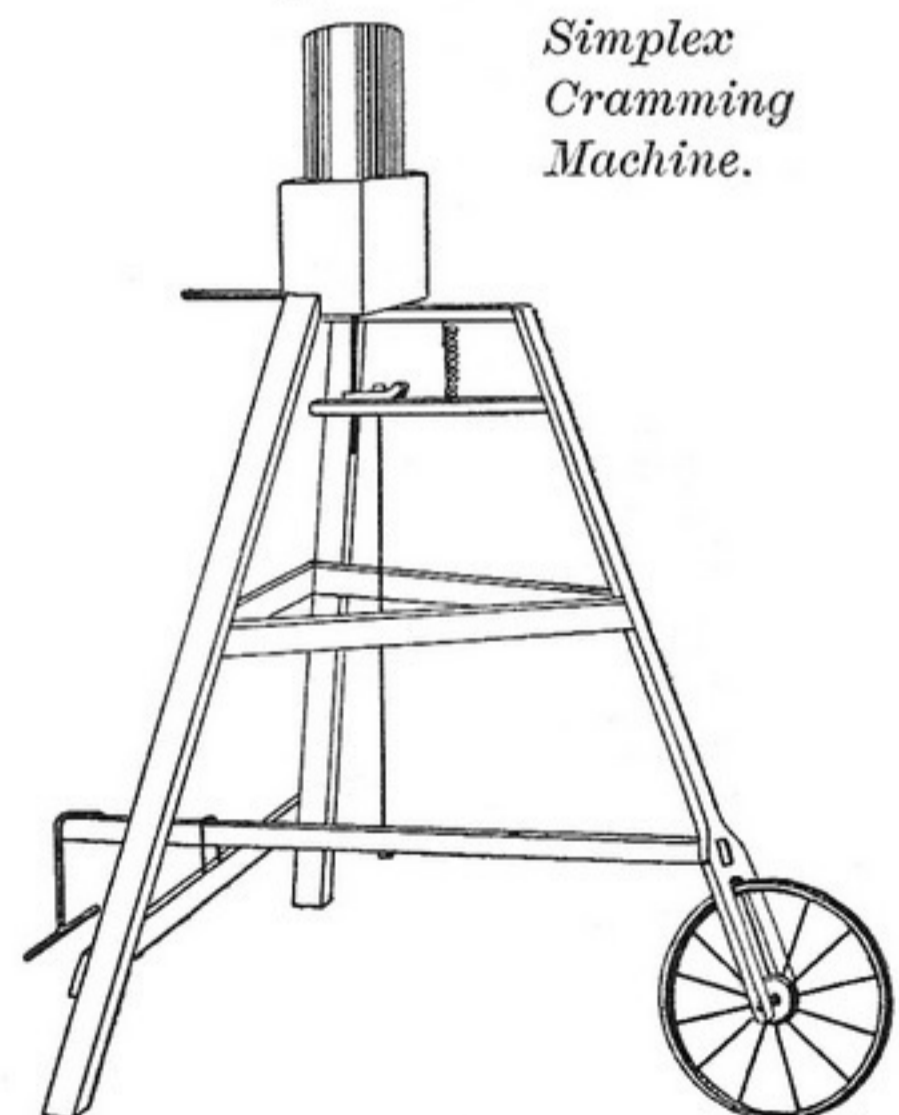
Simplex Cramming Machine.

The fattening of poultry by machine and trough feeding is being widely adopted in this country. The demand for a better quality of poultry meat, both as regards appearance and eating qualities, is rapidly developing, and buyers are every day becoming more discriminating. The Western States especially, from which is gathered the bulk of the export poultry, are now producing a far better quality than at any previous time, and it is due entirely to the fattening methods pursued by the middleman, who for several years has been trough feeding the farm stock, but is now introducing the machine, for use during the last half of the fattening period, thereby obtaining the maximum results. There is every indication that thousands of these machines will shortly be in use. The one we offer is the most simple in construction, surest in operation and easiest to clean, of any in existence. Three hundred birds an hour is an average task for a man and helper. The machine will more than pay for itself in the first 100 birds fattened. We send with each machine full directions for use.

Price,.....\$10.00

Gas and Gasoline Engines

We are now prepared to offer manufacturers and all power users a simple, compact, powerful and economical engine at a very low price. If you are in the market for a gas or gasoline engine, send for special big catalogue which gives full particulars.



*Simplex
Cramming
Machine.*

Aspinwall Spray Pumps



These little sprayers have met with a large sale since their introduction. They are needed by every poultryman and farmer, and should be in every household.

Great advantage is derived by the use of these sprayers in exterminating potato bugs; tobacco, corn, tomato and currant worms, and all plant insects; also in killing lice in poultry houses. They are used extensively on horses, cattle and swine, and for spraying clothes, carpets, cigar wrappers, etc.; in fact,

wherever a sprayer is needed. These sprayers are light, strong, compact and well made. Each is tested with an automatic spray pump before it leaves the factory. We recommend this sprayer for spraying Cyphers Lice Paint, Lee's Lice Killer, Napreol and Anti-Fly Pest, described elsewhere in this catalogue.

Prices

Each, Tin.....\$0.50; express paid, \$0.70

We are prepared to quote trade prices on dozen lots to dealers and agents.

Low-Priced Spray Pump

For Whitewashing, Window Washing, Buggy Washing, Tree Spraying, &c.

Many poultrymen have become tired of whitewashing their poultry houses in the old way—with a brush—and are looking for an effective spraying pump, at low cost, that will do the work satisfactorily and with far less trouble. We offer such a pump in the **Portable Brass Spray Pump** illustrated herewith. This pump is furnished with a Calla Nozzle, which may be graduated to give a solid stream or a coarse or fine spray. This pump has a brass cylinder and air chamber, hence will not corrode. It has a steel rod and is furnished complete with foot rest and discharge holes. It is designed to set in a pail or vessel of water, with the foot rest outside. It is also arranged to discharge a fine jet in bottom of bucket. This answers the same purpose as an agitator, keeps the whitewash or other mixture thoroughly mixed, and is especially recommended for whitewashing, spraying trees, bushes, flowers, etc.

Price, complete.....\$3.75



Cataract Knapsack Compressed-Air Sprayer

Sold Under a Positive Guaranty to Give Satisfaction or Money Refunded

The Cataract is conceded to be, by those competent to judge, the simplest and best Compressed-Air Knapsack Sprayer manufactured. It has no equal, regardless of price. We say this after having handled several hundred Knapsack Compressed Air Sprayers of other makes, all of which have proved more or less unsatisfactory.

This sprayer has a nozzle, stop cock and fittings turned from solid brass, with deep cut threads, three-ply rubber hose; the pump and valves are entirely of brass where they come in contact with the solution. All cast iron parts are malleable iron; the carrying strap is made of eight-ply halter web. The pump is fitted with an improved valve, and take-out and put-in sleeve, which prevents damage or accidents to the plunger and packing. In the brass sprayer there is absolutely nothing that can corrode or rust. The cylinder is made with a lock seam, soldered inside and out. Every sprayer is equipped with a safety valve. Eight to ten strokes of the plunger will compress enough air, when the reservoir is two-thirds full, to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in 15 seconds with sufficient energy to spray a quarter of an acre of potatoes. Accompanying each sprayer are three nozzles, for spraying everything from a solid stream to the finest mist.

USES

For Spraying Insecticides and Fungicides Upon All Plant and Tree Life

- As a bicycle pump.
- As a fire extinguisher.
- As a syringe for use with cattle.
- For washing windows and wagons.
- As a sprinkler for plants and flowers.
- For spraying carbolic acid to prevent hog cholera.
- For sweeping floors, taking the place of wet sawdust.
- For spraying insecticides and whitewash in hen houses.
- For spraying nicotine and other insecticides in greenhouses.
- For spraying Napreol and Cyphers Lice Paint in poultry houses.
- For spraying insecticides in hospitals and other places to prevent the spread of contagious diseases, such as yellow fever, typhoid fever, etc.

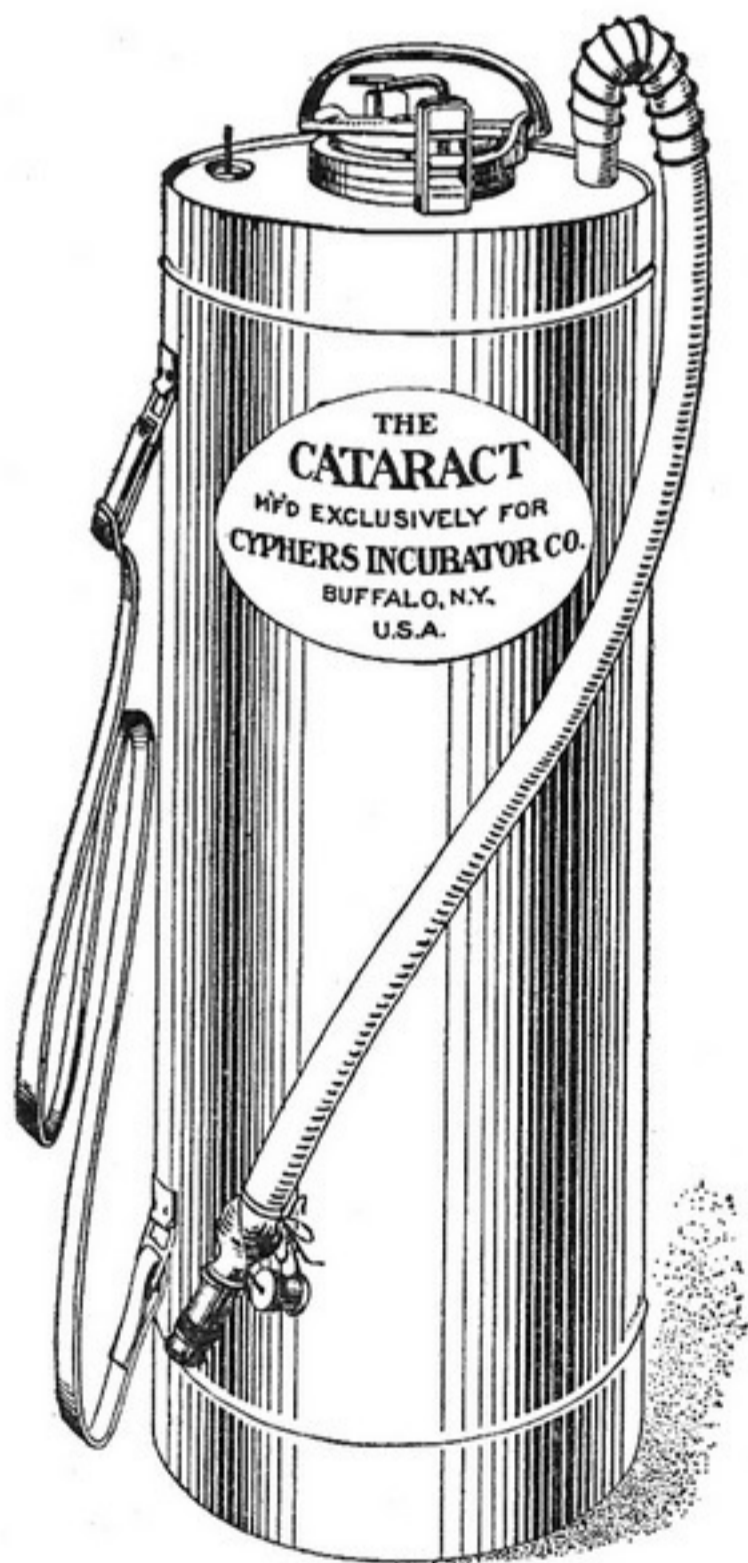
This sprayer has now been before the public for four years. It is made in both galvanized steel and brass. We strongly advise the use of the brass machine, because the galvanized steel tank is the only part which can ever give out and which may not be easily replaced.

Brass machines which we sold four years ago are still in active service, with the promise that they will last a life time.

The slight difference in cost between brass and galvanized steel is as nothing when compared with the utility of the brass machine.

WARRANT—We hereby warrant every Cataract Spraying Machine sold by us to give perfect satisfaction. On failure to do this, purchaser to be the judge, we agree to refund the purchase price and pay express charges both ways, provided complaint is entered within thirty days after purchase.

PRICES—Galvanized Steel, \$4.50; Brass, \$6.00; 2-ft. Galvanized Iron Extension Pipes, 25c per section; 2-ft. Brass Extension Pipes, 30c per section; Brass Elbow Connections, 30c each.



FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

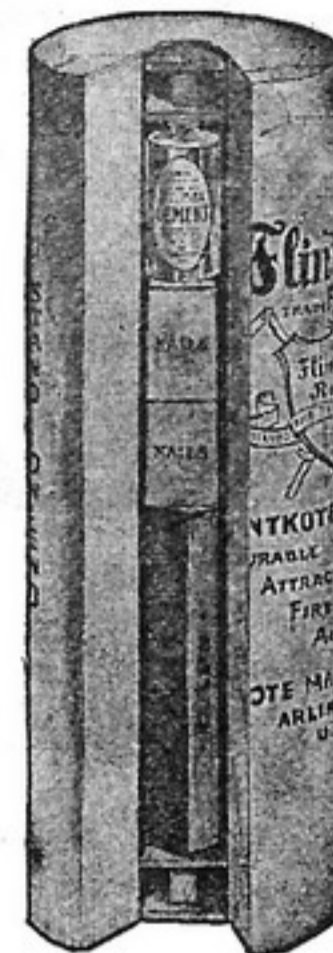
Flintkote Roofing

The Best Prepared Roofing Manufactured

Poultrymen are tired of using inferior roofing, which, at best, lasts but a few months and falls so far short of meeting the requirements of a first-class roof that it never should be sold under the name. Thousands of poultrymen have built houses, roofed them with cheap tar or paper roofing, only to find too late that neither protection from cold or weather was afforded.

Cheap roofings are an abomination. If economy is necessary, do not economize on the roof of your poultry buildings. We found, at our experimental farm and poultry plant, by practical experience, that the best roofing was the cheapest in the end.

Flintkote is the greatest value in roofing ever offered. It is made of the best wool felt, which is treated with compounds that are absolutely water and alkali proof. They do not harden with age and are thoroughly amalgamated with the felt. The whole mass is then put under enormous pressure, so that it forms a solid, impervious, pliable sheet; this is then covered with a heavy coating of flint.



In adopting a material for a roofing you should consider **durability, weight, economy, fire resistance, appearance.** Some roofings have one of these requirements and some another.

Flintkote Roofing is the only roofing on the market which fulfills all these requirements.

Flintkote is the lightest and most durable roofing made; heavy roofing sags the roof, causing leaks.

Flintkote is made in four thicknesses and weights, in rolls 36 inches wide. Each roll contains two squares and will cover 200 square feet, and allow two inches for laps and butts. In the core of each roll are sufficient nails, caps and cement for laying. **Samples mailed on application.** We recommend the $\frac{1}{2}$ and 1-ply for ordinary purposes.

Prices

$\frac{1}{2}$ -ply, weight 30 lbs., per square...\$1.75	2-ply, weight 47 lbs., per square...\$3.25
1-ply, weight 37 lbs., per square... 2.25	3-ply, weight 57 lbs., per square... 4.00

Special prices to the trade on large lots.

Cyphers Incubator Company.

Methuen, Mass., Feb. 9, 1903.

GENTLEMEN,—I have four hundred and thirty-four feet of poultry buildings covered with your Flintkote Roofing and find it a very satisfactory roofing in every way.

H. W. WINTER.

Prices of Neponset Papers

Neponset Red Rope Paper, 100 square feet to the roll.....	\$1.00
Neponset Red Rope Paper, 500 square feet to the roll.....	5.00
Black Neponset Water-Proof Building Paper, per roll, 250 square feet.....	1.00
Black Neponset Water-Proof Building Paper, per roll, 500 square feet.....	1.75

Cyphers Red Rope Roofing

This paper is manufactured especially for us by a reliable manufacturer of roofing paper, and is as durable as any similar paper on the market. It is not coated but is woven and is the same all the way through. It is water-tight, durable, strong, impervious to air and is not affected by heat or cold.

While we do not recommend any paper for roofing purposes unless it is intended to keep it well painted, if you are going to roof your buildings with a cheap roof, you cannot do better than give this paper a trial. We recommend it for siding and sheathing as the best paper ever brought to our attention. This paper comes in rolls of 100 and 500 square feet.

Prices

100 square feet, per roll.....	\$0.90	500 square feet, per roll.....	\$4.00
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Send for sample.

Tin Roofing Caps

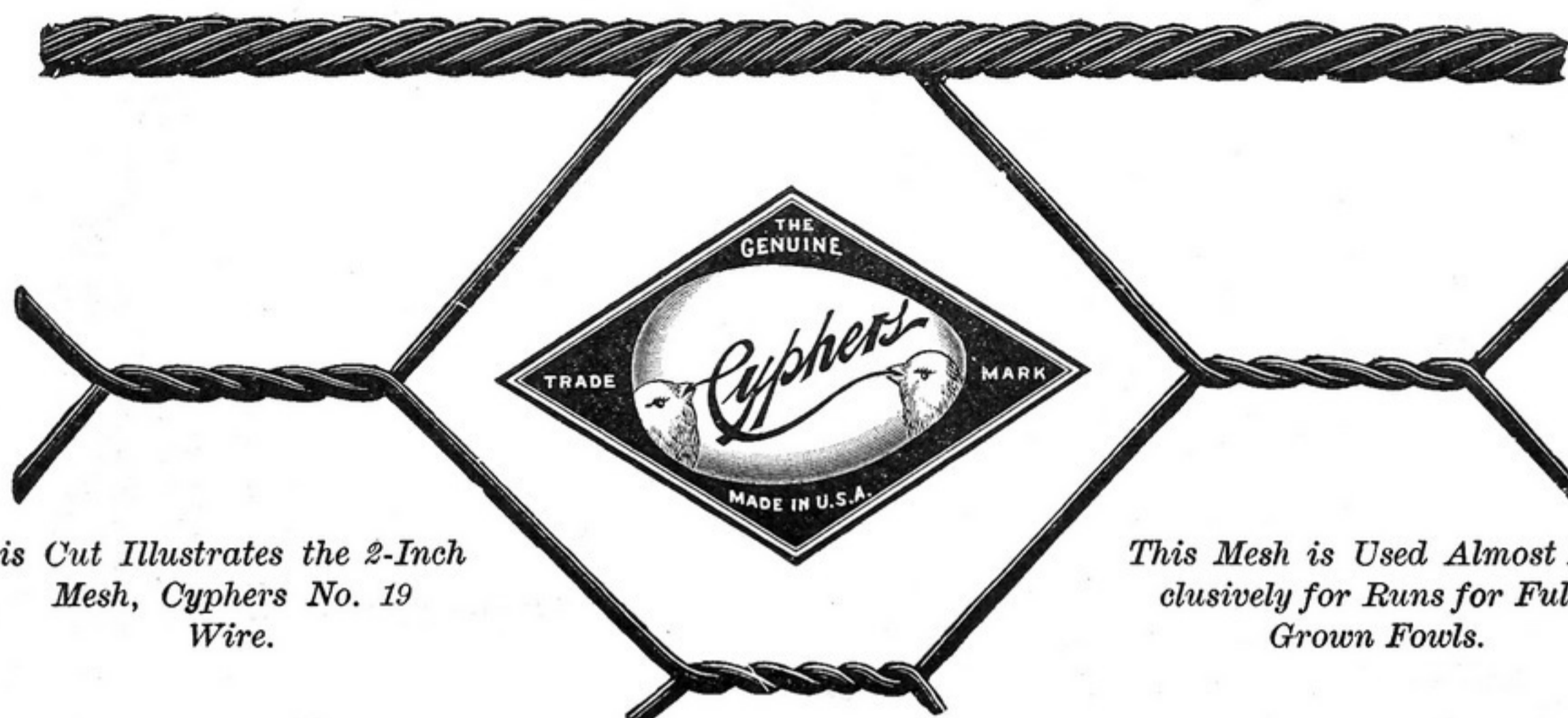
These caps are $\frac{3}{4}$ -inch. in diameter, with a hole punched in center of each to receive the nail. One pound of tin caps is required for each roll of roofing. Price, per lb., 7 cents.

Roofing Nails

Wire nails, barbed, $1\frac{1}{2}$ inches long, should be used with the tin roofing caps for fastening roofing paper to the roof boards. One pound of nails is required for each roll of roofing. Price, per lb., 7 cents.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

Cyphers Hexagon Poultry Fencing



This Cut Illustrates the 2-Inch Mesh, Cyphers No. 19 Wire.

This Mesh is Used Almost Exclusively for Runs for Full-Grown Fowls.

Guaranteed For Twenty-Five Years

Cyphers Hexagon Poultry Fencing is manufactured exclusively for us by one of the most reliable manufacturers of wire poultry fence in this country, from selected steel wire, which, after being woven, is galvanized with a heavy coat of refined spelter. We warrant each bale to be of full width and length, and to be of standard mesh.

Many purchasers complain that the netting purchased of local dealers does not unroll evenly and warps out of shape soon after it is put up. The warping is due to the selvages being shorter than the fabric, or to an unevenness in the strands forming the selvage.

We quote the 2-inch mesh fence, woven from No. 19 wire, and the 1-inch mesh woven from No. 20 wire. In comparing our prices on 2-inch mesh with those of other dealers, see that No. 19 full gauge wire is guaranteed. We sell 2-inch mesh fencing made from No. 20 wire at much lower prices than at which we offer that woven from No. 19 wire, but do not recommend fencing of larger mesh than 1-inch that is made from lighter wire than No. 19. We solicit an opportunity to quote prices on any sizes or widths required. **Each bale 150 feet long. See that the Red Tag bearing our Trade-Mark is on every bale. Do not permit your dealer to substitute any other brand.**

We Do Not Sell Less Than Full Rolls

Prices, 1-inch Mesh, N. 20 Wire

Width	Weight Per Bale	Price	Width	Weight Per Bale	Price
12	19	\$1.48	24	38	\$2.95
18	29	2.25	36	57	4.40

Prices, 2-inch Mesh, No. 19 Wire

Width	Weight Per Bale	Price	Width	Weight Per Bale	Price
24	21	\$1.40	60	50	\$3.35
36	31	2.00	72	59	4.00
48	40	2.65	84	69	4.70

Discount on larger quantities matter for correspondence.

Freight paid on 200-pound shipments to any point in the United States east of and including the states of North and South Dakota, Nebraska, Kansas, Oklahoma and Louisiana.

Galvanized Wire Cloth

Used extensively to keep rats and other pests out of hen and brooder houses. As this class of goods fluctuates in price, we do not quote prices here but solicit correspondence with any one requiring wire cloth.

Fence Staples

These staples are made from heavy galvanized steel wire.

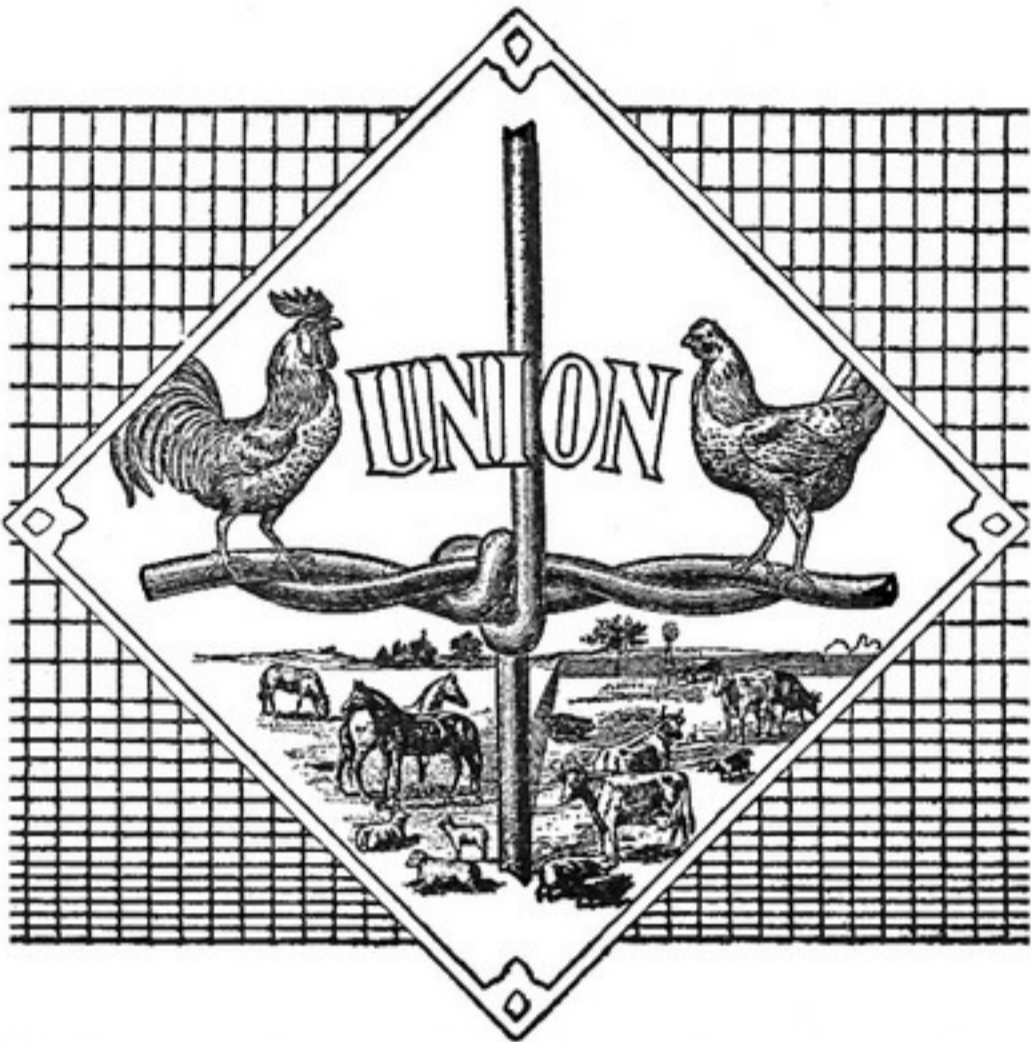
Price : Poultry Fence Staples, per pound.....\$0.09

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Union Lock Poultry Fencing

The horizontal lines of this fence are all composed of two No. 20 galvanized steel wires twisted together. Beginning at the bottom, the first seven cables are 1¼ inches apart, next three cables are 1½ inches apart, then six cables 2 inches apart, and all above that 4 inches apart. This gives a mesh of 1¼ x 3 inches at the bottom, where it is needed for small chicks; and above 2 feet, where fowls can reach only when on the wing, the mesh is 3 x 4 inches. The pickets are No. 19 galvanized steel wires and are 3 inches apart. The picket is fastened to the cables with the Union Lock, the same as is used in field and in hog fencing. On account of the picket being at right angles to the cables this fence **will fit any unevenness of the ground without cutting.**

As all of the cables are of the same length, and run the whole length of the fabric, **every part can be stretched perfectly.** Because of its strength and construction this fence requires no top or bottom rail and no more posts than the ordinary woven-wire stock fence, or about one-half the number needed for ordinary poultry netting. Union Fence is especially adapted for use where a light, attractive and neat appearing fence is required.



Prices and Dimensions

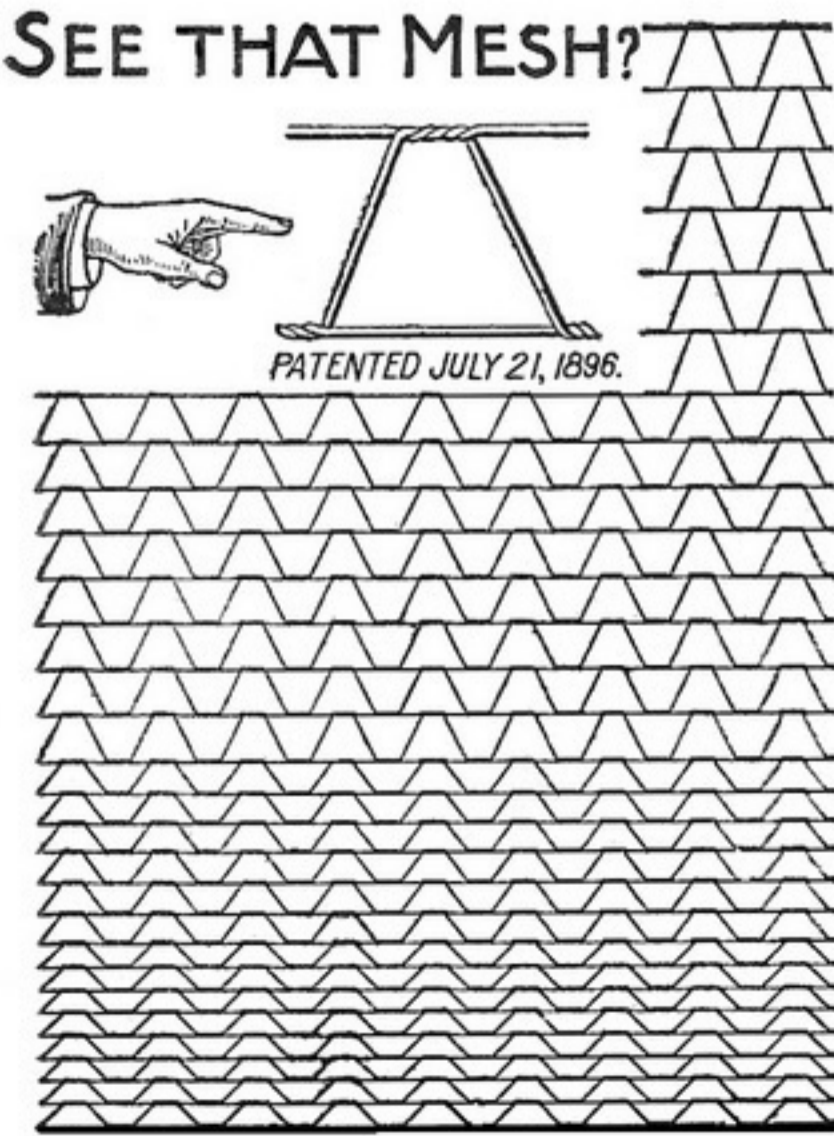
Height, Inches	Weight per Bale, Pounds	Manufacturer's Price, per bale	Our price, per Bale	Height, Inches	Weight per Bale, Pounds	Manufacturer's Price, per Bale	Our Price, per Bale
24	28	\$5.60	\$2.80	60	48	\$ 9.60	\$4.80
36	35	6.90	3.45	72	54	10.80	5.40
48	42	8.30	4.15	84	64	12.30	6.15

Five per cent. discount on 5 bales. Prices on larger quantities a matter for correspondence. Each bale is 10 rods (165 feet) long.

M. M. S. Poultry Fencing

M. M. S. Poultry Fencing Requires few Posts, no Top or Bottom Rail, will not Sag or Buckle, Easily and Rapidly Erected

It is made of the best No. 19 galvanized steel wire, smoothly and evenly woven, and retains its full height before as well as after stretching. Beginning at the bottom, the spacing between the horizontal wires for the first foot is 1½ inches, second foot 2½ inches, and 3½ inches above. The body wires run horizontally and are parallel to each other, therefore in stretching the fence, as the tension is on a straight line, the fencing **cannot contract or buckle** between the posts. This feature does away with the use of top or bottom rails, and fully three-fourths the number of posts required by poultry netting. A top rail marks the height of the fence, and forms a dark object on which the fowl can alight. A four-foot fence without a top rail will turn chickens better than a six-foot fence with a rail. To give additional strength, a cable composed of **two wires** twisted together, running lengthwise, is placed **every foot** in the height of the fence. We recommend this fence as A 1 in every particular and have yet to hear a single complaint from a user of M. M. S. In comparing prices with ordinary poultry netting, remember these bales are 15 feet longer.



Prices and Dimensions

Height, Inches	Weight per Bale, Pounds	Manufacturer's Price, per Bale	Our Price, per Bale
24	24	\$4.00	\$2.00
36	31	5.30	2.65
48	40	6.50	3.25
60	48	7.70	3.85
72	54	8.70	4.35
84	63	9.90	4.95

Five per cent. discount on 5 bales. Large quantities a matter for correspondence Each bale is 10 rods (165 feet) long.

Poultry and Eggs Department, Cyphers Incubator Company

The Cyphers Company, during several years past, has conducted a large poultry farm at Wayland, N. Y., producing annually thereon several thousand White Wyandottes, Single-Comb White Leghorns, Barred Plymouth Rocks, White Plymouth Rocks and Pekin Ducks. We have aimed to improve our stock birds each year by selecting the breeders and carefully mating them, with a view to meeting the requirements of the Standard of Perfection, and at the same time insure vigorous birds and prolific layers. We are now interested in a model city poultry plant, located within the corporation limits of Buffalo, occupying four acres of ground, the buildings and equipment alone costing \$8,000, exclusive of the land. We have stocked this plant with Barred and White Plymouth Rocks and White Wyandottes, obtained direct from fanciers who won a majority of the regular prizes at the New York, Boston and Chicago poultry shows held during January, 1903. On this plant we have 25 breeding pens (10 females and 1 male to each pen), of as fine stock as can be found on any one plant in this country. Personal inspection invited. Visitors welcome on week days.

Additional to the stock and eggs we are prepared to furnish from our poultry plants at Wayland and Buffalo, we shall continue the practice begun by us a number of years ago of placing a portion of our orders (especially where large numbers of stock or eggs are wanted), with well-known poultrymen who produce high-grade, thoroughbred stock—persons who can be relied on to take as good care of the interests of our customers as we would ourselves. Our opportunities to purchase from fellow poultrymen stock and eggs which we know to be as represented, are improving each season, and we place back of these fowls and eggs the same guaranty that covers all stock and eggs shipped from our own farms.

Below we give a list of the varieties we are prepared to furnish in large quantities, or in breeding pens, trios, pairs or single birds. Space does not permit us to describe each variety separately, or to quote other than a general price list, covering both old and young birds, and including utility-standard-bred stock and specially-fine breeding stock. In all cases we select for customers the best birds that can be furnished for the amounts remitted. Prices of large quantities of stock, of extra-fine exhibition stock, and of birds for foreign shipment, are matters for correspondence. All orders for stock and eggs must be accompanied by cash. If birds shipped by us are not exactly as represented, we will be pleased to exchange them for others better suiting the taste of the purchaser, or will refund the money.

Special Notice—In making your selections or sending remittances, please bear in mind that if you wish stock or eggs representing strictly thoroughbred stock (all birds are free from standard disqualifications), but bred mainly for utility, the lower quotations will obtain for you what you want; if, however, you desire stock or eggs representing high-class exhibition strains, bred close to standard requirements, the higher prices listed will obtain them for you.

Prices of Stock

	Males, Each	Females, Each	Breeding Pens Each (1 Male, 4 Females).
Barred Plymouth Rocks.....	\$3.50 to \$15.00	\$2.50 to \$10.00	\$15.00 to \$50.00
White Plymouth Rocks.....	3.50 to 12.00	2.50 to 7.50	15.00 to 35.00
White Wyandottes.....	3.50 to 12.00	2.50 to 7.50	15.00 to 35.00
White Leghorns (S. C.).....	3.50 to 10.00	2.50 to 6.00	12.00 to 30.00
Pekin Ducks.....	3.00 to 5.00	2.00 to 4.00	10.00 to 20.00

Prices of Eggs

	Per 13	Special Matings Per 13	Per 100	Special Matings Per 100
Barred Plymouth Rocks.....	\$2.00	\$4.00	\$7.50	\$18.00
White Plymouth Rocks.....	2.00	4.00	7.50	16.00
White Wyandottes.....	2.00	4.00	7.50	16.00
Leghorns (S. C.).....	2.00	4.00	7.00	12.00
	Per 11	Special Matings Per 11	Per 100	Special Matings Per 100
Pekin Ducks.....	\$2.00	\$3.00	\$7.50	\$10.00

NOTICE—Please write our nearest office for special poultry circular or bargain sheet.

Other Standard Varieties—Additional to the foregoing, we are prepared to purchase fowls for our customers from reliable breeders, including *nearly every variety* in the standard, and the services of the managers of our four houses are at your disposal for this purpose. Write the nearest office, stating your wants, giving full particulars and rely on our earnest co-operation.

FACTORY AND HOME OFFICE, BUFFALO, N. Y., U. S. A.

Cyphers Poultry Library

Recognizing the widespread demand for a series of down-to-date and reliable poultry books, treating especially on the practical branches of poultry keeping for profit, this company, during the fall of 1902, organized a publication department for compiling and editing a library of books to be entitled "The Cyphers Series on Practical Poultry Keeping."

The Cyphers Series on Practical Poultry Keeping

Following is a brief description of the books published thus far.

Book No. 1—Profitable Poultry Keeping in All Its Branches. This is a book for all persons who have become interested in the poultry business in a general way and wish to know something definite about it. The 12 chapters of the book take up the most popular and profitable branches of poultry keeping, tell the reader what is being accomplished by successful poultrymen and how it is being done. While many valuable articles on feeding, housing and care of fowls are given, the chief object of Book No. 1 is to help the reader decide which branch or branches of the poultry business is best suited to his locality, markets, resources and taste. This book contains special articles on How to Start in the Poultry Business, by leading, successful poultrymen. The more popular and practical varieties of fowls are illustrated and described, giving their standard weights and characteristics, with a general article by an expert on the best breeds for market poultry, telling what the market demands in size, color of skin, weight, etc. Fully illustrated, 128 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover, printed in two colors. Price, postpaid to any address, 50 cents.

Book No. 2—Profitable Care and Management of Poultry. This is one of the most thoroughly practical and up-to-date working text books ever published. It takes the reader in hand after he has decided to embark in the poultry business, and proceeding on the assumption that he is a beginner, with little knowledge of the work before him, tells what to do and how to do it. This book is full of valuable information from cover to cover. Its 10 chapters treat of the actual work with poultry, including Locating the Plant and Buildings; Foods and Feeding; Care of Breeding Stock, Layers, Brooder Chicks and Growing Birds; the Use of Incubators and Brooders; Prevention and Cure of Diseases, etc. Suitable rations are given for flocks of all sizes, with many valuable Food Formulas, including the Dry Feeding Method and Moist Mash Plan. Fully illustrated, 128 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover, printed in two colors. Price, postpaid to any address, 50 cents.

Book No. 3—Profitable Poultry Houses and Appliances. This is a practical hand book, devoted to the description of many styles of practical poultry buildings, and numerous handy, labor-saving, time-saving appliances and fixtures. It contains plans for 60 poultry buildings. It treats on "Locating the Poultry House," "Selecting Materials to be Used in the Poultry House," and "Practical Hints on Building." "Scratching-Shed Houses," the most up-to-date buildings of this type; "Scratching-Room or Combination Poultry Houses," "Closed and Continuous Poultry Houses," "Curtain-Front Poultry Houses," "Miscellaneous Poultry Buildings," including modern houses in sufficient variety to meet all conditions, with suitable buildings for hot and cold climates; "Colony Houses," "Duck Houses," with complete plan for modern duck plant; "Incubator and Brooder Houses," including brooder houses with the pipe system, a house for sectional brooders and a house for individual brooders, with a special article on brooder-house heaters, and specifications for heaters and piping for pipe brooding

systems. It tells about many labor-saving appliances, practical chicken coops, shelters, roosting coops, brood coops, trap nests, poultry fencing, fattening crates, a box-trap cat catcher, etc. Fully illustrated, 128 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover, printed in two colors. Price, postpaid to any address, 50 cents.

Book No. 4—Profitable Egg Farming. A most valuable and helpful book, devoted exclusively, as its title indicates, to this highly important branch of profitable poultry keeping, all parts of the subject being exhaustively treated. It tells all about "The Use of Eggs," "The Place of Eggs in the Diet," "Description and Composition of Eggs," "The Natural Habits of the Hen and What Domestication Has Done," "Some of the Results Already Attained and the Probabilities of the Future," "Thoroughbred or Bred to a Purpose," "The Leading Practical Breeds for Egg Production," "Pedigree Breeding for Egg Production," "Building Up and Maintaining an Egg-Laying Strain," "Practical Use of Trap Nests," "Pullets for Layers, Year-Old Hens for Breeders," "Practical Egg Farms," "Houses and Yards," "Foods and Feeding," "Best Rations for Egg Production," "Collection and Care of Eggs," "Catering to the Market," "Combination Egg Farming," "Selling Stock for Breeding Purposes and Eggs for Hatching," "When and How to Advertise," "Poultry Farm Book Keeping." Fully illustrated, 128 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover. Price, postpaid to any address, 50 cents.

Book No. 5—Profitable Market Poultry. This book aims to tell all about this important branch of poultry work, including the production of squab-broilers, broilers, roasters, turkeys, ducks and geese for market. It contains important suggestions for bettering the quality of market poultry. There are 11 chapters which treat of: "Market Poultry," "Leading Varieties," "Locating the Market Plant," "Profitable Broiler Raising," "Roasters," "Poultry Fattening," containing a detailed description of methods employed, with directions for feeding; "Killing, Dressing and Marketing," with complete instructions on this important part of the work; "Combination Poultry Farming," "Money in Ducks," all about growing ducks for market; "Geese for Profit," "Best Breeds for Business," "Profitable Turkey Raising," "Guinea Fowls for Profit." Fully illustrated, 128 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover, printed in two colors. Price, postpaid to any address, 50 cents.

Book No. 6—Capon for Profit, by T. Greiner. This book is a revised edition of "Capon for Profit," being rewritten and brought down to date especially for this series. It is essentially a book for the beginner, and though from the pen of an expert in the art of caponizing, it is treated from a beginner's standpoint. "Capon for Profit" is, we believe, the only text book on capons and caponizing which treats the whole subject so that this profitable field of poultry work becomes as plain and easy to learn as the alphabet. Fully illustrated, 64 pages, size 7 3-4 x 10 1-2 inches; durable, attractive, linen-finish cover, printed in two colors. Price, postpaid to any address, 50 cents.

These six books form a complete and valuable library for poultrymen. They do not contain any advertising matter, their pages being devoted exclusively to describing and illustrating the subjects treated. They are thoroughly up-to-date in every respect, and contain the best and most reliable information that is obtainable. The special articles alone, that are published in this series, are well worth the total cost of the entire library. Each is written by an experienced poultryman who is an expert in his particular field of poultry work.

SPECIAL OFFER. While we consider these books cheap at the prices asked for them, we shall be pleased to mail, postpaid to any address, any five of the above books for \$2.00, when ordered at one time; all six books, postpaid, for \$2.50.

BRANCH HOUSES: CHICAGO, NEW YORK CITY, BOSTON

The Latest and Best Books

On Poultry Keeping in all Branches.

The following quite complete list of books will be found of special value to all persons interested in profitable poultry keeping and kindred subjects. These books are the best and most popular published to date on the various topics. **They are Standard in their Respective Departments.** Any book on the list will be sent postpaid on receipt of price.

Poultry

The American Standard of Perfection, Cloth \$1.00. This is the book used as a guide in producing standard-bred or exhibition fowls. It is published and copyrighted by the American Poultry Association, and is the only authorized guide for standard breeding. It is the book that poultry judges use at the poultry shows, and the book on which all comparison and score-card judging is based. It consists of over two-hundred pages, is durably bound in cloth, and the price, \$1.00 per copy, postpaid, is fixed by the publishers and owners of the copyright, the American Poultry Association. In this book will be found the names of every breed and variety of chickens, turkeys, ducks and geese, and a minute description of each variety, male and female, covering every section, in both shape and feathering. We carry the "Standard of Perfection" in stock, and supply it, postpaid, at the established price.

Philosophy of Judging Fowls—Felch-Babcock-Lee. Cloth, \$1.00. A manual upon the scoring of exhibition fowls. Intended to meet the wants of the general breeder and exhibitor as well as the professional judge. An illustrated companion to the "Standard," by which the amateur can readily pick out the best birds in his flock for exhibition or breeding. Should be in the library of every fancier.

Success With Poultry. \$1.00. (Specially Recommended.) This book treats quite exhaustively of all branches of poultry keeping for profit, including the production of standard-bred or exhibition fowls, egg farming, broilers, roasters, capons, ducks, geese, and turkeys. It was compiled and edited by Grant M. Curtis, editor of the *Reliable Poultry Journal*, and intended expressly to meet the wants of the many persons who think favorably of taking up some branch of the poultry business for profit. It is an earnest book meant for earnest people, and the reader can readily determine which branch of the poultry business is best adapted to its locality, personal resources and taste. "Success with Poultry" has just been thoroughly revised and enlarged, the fourth edition now being offered to the public. Over 25,000 copies of this book have been sold.

Poultry Craft—J. H. Robinson. \$2.00. (Specially Recommended.) This is a book for all classes of poultry keepers. It gives the gist of the best knowledge of poultry culture in plain language for people who want plain facts, practical ideas and trustworthy opinions. An invaluable feature is the systematic presentation of topics, and the copious, well-arranged index. You find what you want in an instant. It is emphatically a business-like book for busy people. It tells what to do, why to do it, and how to do it, with chapters on Poultry Keeping and Poultry Keepers, Location, Situation, Poultry Houses and Yards, Poultry Fixtures, Fowls Described, Choosing a Variety, Buying Stock, Foods and Feeding, Science in Poultry Feeding, Egg Production, Principles of Breeding, Selection and Care of Breeding Stock, Hatching and Rearing Chicks, Selling Poultry and Eggs, Exhibiting Poultry, Diseases, Parasites and Enemies of Fowls, Bantams, Turkeys, Ducks, Geese, etc., etc. 272 pages and 95 illustrations.

Easy Poultry Keeping for Invalids. 25c. Mrs. Myra V. Norys' new book, *Easy Poultry Keeping for Invalids*, is an attractive novelty in poultry literature. Most helpful it cannot fail to be. Easy Ways of Housing and of Handling, Easy Ways of Feeding, Short Cuts, Easy Ways of Marketing, etc., are among the prominent themes of this new work from Mrs. Norys' concise pen. Using one's Brains, Planning, Getting the Best of Adverse Conditions; these she urges and these she aids the semi-invalid poultry keeper in doing. Both the Pleasures and Profits of Poultry Keeping for Invalids are discussed, the "profits" in health being regarded as sure and large, while very satisfying profits in cash are often attainable also. 95 pages, 4 1-2 x 5 1-2 inches. Illustrated.

Poultry Culture—I. K. Felch. Paper cover, 50c. How to raise, manage, mate and judge thoroughbred fowls. Latest edition, with supplementary chapter on the preparation of poultry for exhibition. Every poultry raiser should have this book. It contains the ripest results of 30 years' experience and observation. Treats upon chickens, turkeys and ducks. Profusely illustrated.

Pocket-Money Poultry—Myra V. Norys. 50c. This book was written primarily for women who wish to supply themselves with pocket money by keeping a few fowls. It begins at the beginning of the subject, goes into the details, points out the essentials, and makes the course of the successful poultry raiser so plain that any intelligent person can follow it without difficulty. While written particularly for women this book will be of no less value for men. It has the following interesting chapters: Women, Fowls, Money, How Much Capital, Choosing a Line of Work, The Breed That Wins, Artificial and Natural Incubation, Satisfactory Coops and Brooders, Mothering Chicks, The First Season's Work, The First Season with Fancy Poultry, Confinement or Freedom, The First Poultry House, Feeding for Eggs, The Embryo Chick at Testing Time, Ducks and Geese, Turkeys, Squabs, Pointers, Food Supplies, and The Value of Caponizing.

Farm Poultry—A Popular Sketch of Domestic Fowls for the Farmer and Amateur, Professor Geo. C. Watson. Cloth, \$1.25. Contents are: Poultry Raising as a Business, Egg Breeds, Meat Breeds, General Purpose Fowls, Buildings for Fowls, Location, Plans, and Construction, Internal Arrangements and Yards, Feeding for Eggs and Meat, Incubators and Brooders, Feeding and Care of Little Chicks, Capons and Broilers, Ducks and Geese, Turkeys, etc. Preparing and Marketing Poultry Products, Diseases and Enemies, etc., etc. Illustrated.

Eggs and Egg Farms. 50c. (Specially Recommended.) No more practical or interesting poultry book has been published than this one. It is a money-maker from cover to cover. Every poultry keeper is interested in getting "more eggs," no matter whether he keeps a few hens or a great number. We doubt if there is a more profitable branch of the poultry business than egg farming. This book is contributed to by the best authorities in the country. The question of an increased egg yield is fully covered in a reliable manner and what is being done, and what can be done, on so-called egg farms—that is, on poultry plants devoted almost exclusively to egg production—is treated exhaustively. The different foods and food rations are compared and numerous experiments made by capable painstaking men are reported. This book also contains the latest plans for building laying houses, both large and small. It consists of 80 pages, 9 x 12 inches, and is fully illustrated.

Profitable Poultry Farming—M. K. Boyer. 25c. A treatise on the combination of eggs, broilers, fruits, etc., with special chapters on Testing Eggs and Duck Culture, The Growth of Practical Poultry Farming, The Value of Crosses, How to Have Hardy and Prosperous Stock, Building an Incubator Cellar, A Butter and Egg Farm, Feeding for Eggs, Poultry and Fruit, How the Scheme works in Hammonton, Duck Culture for Profit, How the Ducklings are Fed, and other useful points.

A Living From Poultry—M. K. Boyer. 25c. This valuable treatise tells how much land is needed, the best soil for poultry, and how buying a farm on installments is far better than renting one. It gives a brief chat on houses, and how they should be built, shows why the scratching shed is valuable, and takes up the question of the breeds and the advantage and disadvantage of free range. It gives a review of the breeds, tells which are the best for egg farming, and which to choose for broilers and roasters, value of crossing, how the art of crossing is abused. The crowning feature of the book is the chapter which tells what can be accomplished with a capital of \$50 to \$1,000 in careful hands. It also tells where poultry farming pays best, about creating markets, etc.

The American Fancier's Poultry Book—George E. Howard. (Latest Edition.) 50c. Contents: Poultry Industry; General Management; The Egg; Incubation; The Chick; Recipes for Feeding; Feeding for Eggs; House Building; Keeping Eggs; Caponizing; Diseases; The Breeds in Classes—American, Asiatic, Mediterranean, Polish, Hamburg, French Class, English Class, Games and Game Bantam, Bantams other than Games, Miscellaneous and Turkeys. Waterfowl Classes—Ducks, Geese and the Swan. Profusely illustrated.

200 Eggs a Year Per Hen; How to Get Them—Edgar L. Warren. A Practical Treatise on Egg Making and Its Conditions, and Profits in Poultry. New Edition. 50c. Illustrated. (Specially Recommended.) This is a complete treatise upon profit making with poultry and is packed full of practical information; tells how to breed, feed and care for fowls to make them lay eggs.

The Practical Poultry Keeper—Lewis Wright. \$2. Entirely new, revised and considerably enlarged edition. A standard guide to the management of poultry for domestic use, the market or exhibition. Eight beautifully-colored plates, showing 25 breeds, painted from life, by J. W. Ludlow and numerous illustrations in the text. 320 pages, bound in cloth with gilt stamping. Contents: Houses, Runs and Accommodation; Domestic Management of Adult Fowls; Natural Hatching and Chicken Rearing; Artificial Hatching and Rearing; Table Poultry, Fattening and Killing; Poultry on the Farm; Poultry Farming; Breeding for Points; Breeding and Rearing of Prize Stock; Exhibition; Cochins; Langshans, Brahmas, Malays, Aseels and Indian Games; Game Fowls; Dorkings; Spanish, Minorcas, Leghorns, etc.; Hamburgs; Polish, Sultans; French Breeds; American Breeds; Miscellaneous Breeds; Bantams; Turkeys, Guinea fowl, Peafowl; Waterfowl; Diseases, Vices and Vermin.

Artificial Incubating and Brooding. 50c. (Specially Recommended.) The greatest strictly practical work ever compiled on this important subject. It is the greatest because it is the most up-to-date, the most practical, the best illustrated, and is contributed to by the most expert authorities in the world. This book contains 140 pages, 12 x 9 inches in size, with over 100 illustrations, among the number being eight full-page copyrighted designs of modern brooder houses, laying houses and incubator cellars. It contains full and complete instructions on the use and abuse of incubators. It tells how to start right in hatching and raising chickens by artificial means, and how to go about it right.

Broilers For Profit—Michael K. Boyer. 50c. The largest and best work ever published upon the subject. It gives both sides; tells the amount of capital, land and time required; the value of incubators, and gives pointers for running them; explains the brooding system; how to feed and care for chicks; how to dress and ship for market; how to erect a model brooder house—and hundreds of valuable hints which will save money to those about starting or who are in the broiler business. The book is compiled from the experiences of the pioneer broiler raisers in this country.

Barred, White and Buff Plymouth Rocks. New Edition. 50c. (Specially Recommended.) This book was issued from the press in April, 1899. It consists of 112 pages, 9 x 12 inches, and a handsome cover. It contains elegant colored plates of pairs of Barred, White and Buff Plymouth Rocks, shown in their natural colors, reproduced from oil paintings made by the world's greatest poultry artist, Franklane L. Sewell. Among the contributors of original and copyrighted articles treating on Barred Rocks are the following: A. C. Hawkins, E. B. Thompson, Bradley Bros., Wm. Ellery Bright, C. H. Latham, F. W. Richardson, Theo. Hewes, F. W. Hitchcock, W. S. Russell, C. A. Emry, S. S. Noble, and many others. Every line in the book is written by a well-known breeder. There are four full-page plates by Sewell, giving correct standard shape of Plymouth Rocks, male and female, and two full-page copyrighted charts by Theo. Hewes, judge and breeder, giving the proper barrings in all sections of Barred Rocks, male and female. There are numerous criticisms on shape by leading judges and breeders, and a full discussion of the single and double plans of mating. There is also an interesting symposium contributed to by a large number of breeders, giving their results from breeding during a term of years by the single mating and by the double mating plans. In this book there is presented more reliable, interesting and valuable information on the breeding of Barred Plymouth Rocks than in all other books published heretofore combined.

Breeders' Egg Record and Account Book—By H. A. Kuhns. (Latest Edition.) 25c. A simple, easy method for keeping correct account by the day, month and year of all expenses and income from 10 yards of fowls; also record of all eggs laid, set or sold; chickens hatched, reared, sold, etc.; also record of orders filled.

The Leghorns—All Varieties. 50c. (Specially Recommended.) This is a breed book, consisting of 64 pages, 9 x 12 inches, and is in line with the books on the Plymouth Rocks and Wyandottes described herewith. It is the first book issued that is devoted exclusively to the Leghorns. It contains original copyrighted Hewes charts, showing standard Leghorn shape, also correct striping for Brown Leghorns, both Single and Rose Comb. Its full-page charts were executed by Mr. Franklane L. Sewell, under direction of Mr. Theodore Hewes, judge and breeder. The book contains full-page illustrations of the different varieties of Leghorns, and is contributed to by over 30 of the country's foremost Leghorn breeders. Every line in the book is new and original. In this book, the same as in the books on Plymouth Rocks and Wyandottes, Mr. Hewes gives detailed instructions for scoring, including discounts for defects, etc.

The Wyandottes—Silver, Golden, White and Buff New Edition. 50c. (Specially Recommended.) This book was issued December 1, 1899, and is the handsomest and most complete book ever published on this popular American breed. It consists of 80 large pages, 9 x 12 inches, with a beautiful color-plate frontispiece showing a pair of prize-winning White Wyandottes; also original Hewes charts, showing proper lacing of the Silver and Golden Wyandottes in every section; also full-page illustrations of Silver, Golden and Buff Wyandottes, represented in pairs, drawn expressly for this book by the great poultry artist, Franklane L. Sewell. The numerous contributors to this book include America's foremost breeders of the different varieties of Wyandottes.

Minorcas—A Concise Treatise on All Varieties—Geo. H. Northup. 25c. (Specially Recommended.) Rose and Single-Comb Black and White Minorcas, Origin and How to Mate, Breed, Exhibit and Care for Them. Mr. Northup has written and compiled a complete guide to admirers of Minorcas, all varieties, and we know of no person better fitted to do this work. We are sure that all admirers of this breed will be anxious to obtain a book that is written by so good an authority.

Poultry Houses and Fixtures. 25c. (Specially Recommended.) This book consists of 32 large pages, 9 x 12 inches in size, and contains the latest designs of practical poultry buildings for the city lot, the village acre or the farm; also several complete and convenient houses for the fancier, and complete plans for extensive poultry farms. It also contains illustrations and descriptions of a large number of time-saving, labor-saving poultry devices, including handy perches, safety nest boxes, etc., etc.

Capons and Caponizing—George Q. Dow. 25c. A thorough and complete work on this subject, written by a caponizer who has had years of experience in raising and caponizing cockerels. This book covers the entire field from A to Z. Bound in cloth, 50c.

The Diseases of Poultry—By D. E. Salmon, D. V. M. 50c. This is the only book that contains a complete list of illustrations of the different diseases of poultry. Written by Dr. D. E. Salmon, Chief of the U. S. Bureau of Animal Industry at Washington, D. C. With chapters on Diseases of the Organs of Respiration, Diseases of the Organs of Digestion, Diseases of the Peritoneum, Liver and Spleen, Diseases of the Organs of Urination and Reproduction, Diseases of the Brain, Diseases of the Heart and Blood Vessels, Diseases of the Feet and Legs, Diseases having a tendency to affect more than one set of Organs, Parasites and Diseases of the Skin, Injurious Habits and Vices, etc. 250 pages and 72 illustrations.

Reliable Poultry Remedies. 25c. (Specially Recommended.) Consists of 64 pages, 5 x 6 inches in size, points out the causes, describes the symptoms, and gives tried remedies for roup, colds, cholera, canker indigestion, constipation, dysentery, congestion of liver, gapes, chicken-pox, black rot, crop-bound, scaly legs, bumble-foot and many other common diseases of fowls. It also contains valuable instruction on the proper care of poultry in order to prevent diseases. It is a book that will save you dollars.

Winter Eggs; How to Get Them—J. H. Robinson. 25c. Discusses the Selection and Care of the Laying Stock, Getting Ready for Winter, Beginning with Pullets, Old Hens as Layers, How Many Hens in a Flock, Feeding Fowls, About Exercise, How Much to Feed, etc., and describes the methods of many prominent poultrymen.

Poultry Plant Construction—\$1.00. This book contains full page drawings in detail of all practical poultry buildings needed in the operation of an up-to-date poultry plant, together with specifications in detail and so far as possible an estimate of cost based on average prices of material. Among these plans will be found incubator houses, brooding houses for chicks and ducks, scratch shed laying houses, closed laying houses, laying houses for ducks, colony houses, and a number of drawings showing the different ways of piping brooder houses, etc. The designs of the buildings, together with the heater setting and piping in the brooder house, are the best that years of experience and observation has taught the writer to install.

The plans are sufficiently illustrated and described to enable any carpenter, or other person handy with tools, to erect the buildings as per schedule. The price of the book is \$1.00 per copy.

SPECIAL—We offer this book free to incubator customers. All who send for the book before purchasing an incubator may deduct the price of the book from the price of the first incubator ordered, provided both incubator and book are ordered from the same office.

Ducks and Geese

Ducks and Geese—50c. (Specially recommended.) This is the only complete work of the kind on the market. It has just been issued from the press, and covers the subject exhaustively. The production of Pekin ducks for market, both in small and large quantities, occupies the position of prominence in the book, for the Pekin-duck industry is already one of large proportions, and is destined to increase rapidly. The book aims to be complete in every particular. The production of geese for market purposes comprises an important part of the book, with handsome full-page illustrations, by Franklane L. Sewell, of Toulouse geese, also of Pekin ducks, and numerous half-tone plates, showing ducks and geese of other varieties. Persons who are interested in the breeding of water fowl, or in the production of ducks and geese for market, will find in this book the information they are looking for.

Turkeys

Turkeys—Their Care and Management. 50c. (Specially recommended.)—This book was issued from the press January, 1901, and contains all the information necessary to achieve success in the raising of turkeys, either in small or large numbers. It contains a beautiful color-plate frontispiece showing a pair of Mammoth Bronze Turkeys, male and female, reproduced from an oil painting, made from life by Franklane L. Sewell. It also contains numerous other illustrations, some of them made expressly for this work. Among the contributors are found the best-known and most successful turkey raisers in this country, the leading article being contributed by Mr. J. F. Crangle, for many years manager of Fisher's Island Poultry Farm, where turkeys are raised in large numbers. Persons who are raising turkeys, or who propose doing so, will find this book of great help and value to them.

Turkeys and How to Grow Them—Herbert Myrick. (Cloth Bound.) \$1.00. No book in existence gives a more adequate account of the turkey, its development from the wild state to the various breeds, and complete directions for breeding, feeding, rearing and marketing these beautiful and profitable birds. In the preparation of this work full use is made of the original work in turkey culture at the Rhode Island experimental station. The prize-winning papers out of nearly 200 essays submitted by the most successful turkey growers in America are embodied, and there are also given separate essays on turkey culture from different parts of this country, also Canada and New Brunswick, so that the reader may see what ways have proved successful in each locality. A method that succeeded in Tennessee might not do in Nebraska; the cold winters of Vermont would kill the turkeys if the systems were in vogue there that succeed in Southern Missouri.

Pheasants

Pheasants—Chic. L. Darlington. 50c. This book is written in plain words, so that anyone can successfully raise the birds if they follow closely the instructions. It tells about Houses and Fences, Feeding and Care of Laying Stock, Wintering Stock, Clipping, Hatching Eggs, Feed

and Care of the Young, How to Raise Maggots and Flies; Breeding, Marketing; Quail, Their Houses and Runs Feeding Old Birds, Mating, Hatching Eggs, Nests, Fertility of Eggs, Food for the Young, Eggs and how to get lots of them, Disease and Treatment, Questions and Answers, Prairie Chickens and Partridges, How to Raise and Breed them. Profusely illustrated. 48 pages, 6 1-2 x 8 1-2 inches.

The American Pheasant Keeper's Handbook—D. G. Black. 50c. This book is arranged with the idea in mind that the person seeking information herein is about to start in the pheasant rearing business with a lot of purchased eggs. It is also assumed that he or she is wholly inexperienced in this matter, and has nothing in the way of coops, pens, aviaries or enclosures suitable for these birds. As a general thing it might be said that pheasants require the same kind of treatment that is usually given to thoroughbred poultry.

Pigeons

The Pigeon Standard—C. E. Twombly. 50c. This book contains the very latest standard of perfection of every variety of pigeons, giving an accurate and concise description of all breeds for which no standard has been formed. Nearly every variety is illustrated with an up-to-date drawing or half-tone from life. The book is invaluable to every pigeon fancier.

Pigeon Keeping—F. M. Gilbert. (Hints to Beginners.) (Fourth Edition.) 50c. This book, though small, is very much to the point, and is so thorough that if the amateur will take it and study it and be governed by its directions he can begin with a pair of "scrubs" and wind up at the top of the ladder.

The Practical Pigeon Keeper—Lewis Wright. \$1.50. (Author of "Practical Poultry Keeper.") With full-page plates and numerous illustrations in the text, 240 pages, cloth. In preparing this book the author has endeavored to preserve the same plain and practical character which obtained for the "Practical Poultry Keeper" such a wide popularity. The object has been to get the greatest amount of practical information on the practical points into a small space.

Pigeons and all About Them—Major F. M. Gilbert. \$1.00. This book tells in detail how to breed, what to breed and where to breed, how to care for them in sickness and in health, and in fact everything learned by a life-long experience in breeding pigeons. Profusely illustrated with many half-tones from life, with full description of all varieties. Chapters: On Their Origin, The Loft, Nest Material, Other Loft Points, Feed, etc., Heating, Cleaning the Loft, Pests, Choice of Birds, Danger in Importing, As to Color, Where to Buy, Prices of Birds, Acme Fantail Lofts, Mating, Hatching, Shifting Eggs and Young, Helping Young, Banding, Shipping Birds, Cleaning Birds, Diseases and Other Minor Troubles, Showing Birds, Shipping to Shows, Varieties; also the standard of all breeds of pigeons.

The Breeding and Training of Homing Pigeons—Louis Hoser. (Third Edition.) 25c. This valuable treatise contains 36 pages of practical information concerning the breeding, care and training of the Homer, with articles on Mating, Feeding, Timing, Liberating, Advice to Liberators, Diseases, Homing Pigeons as Medical Messengers and Bulletin Bearers, etc.

Money in Squabs—By J. C. Long and G. H. Brinton. (Second Edition, enlarged and revised.) 50c. It is the handsomest as well as the most practical book published on the subject. It has been profusely illustrated with new and original drawings. The book contains chapters on Breeding Houses, Breeding Stock, Food and Feeding, Water, Salt, Nesting Material, Breeding and Management, Dressing Squabs for Market, Diseases, etc.

Diseases of Pigeons—J. A. Summers. 50c. This book treats on every disease that pigeons are heir to, giving an exhaustive description of symptoms and treatment. This is the most reliable and only work of the kind published in America. Never before has so much valuable information on the subject been published in book form.

The Pigeon Fancier's Loft Register—50c. Pedigree Book for Fancy and Homing Pigeons. Something to keep a lifetime, and the most practical and complete book of the kind published. Registers the young from 100 pairs, and keeps correct pedigree of every bird in the loft.

The Best Poultry Papers

The Cyphers Company will be pleased to receive subscriptions for any of the poultry papers published in this country. Below we list all that are now published regularly, so far as our knowledge goes. On any two sent for at one time, deduct 10 per cent.; on any three 15 per cent.; on any four, 20 per cent.

Name of Publication.	Number of Pages	Size of Pages	Price Per Year.
American Poultry Journal	48 to 112	9 x 12	\$.50
American Poultry Advocate.....	32	9 x 12	.25
American Fancier (weekly).....	16	11 x 14	1.00
Canadian Poultry Review.....	24 to 48	8 x 11	.50
Commercial Poultry (semi-monthly)	48 to 80	8 x 12	.50
Farm-Garden and Poultry.....	16 to 24	8 x 12	.50
Farm-Poultry (semi-monthly).....	16 to 32	11 x 14	1.00
Feather, The.....	32 to 64	9 x 12	.50
Fanciers' Monthly.....	36	9 x 12	.75
Fanciers' Gazette.....	32 to 48	9 x 12	.50
Fancy Fowls.....	24 to 32	9 x 12	.50
Inland Poultry Journal.....	48 to 80	9 x 12	.50
Michigan Poultry Breeder.....	24	8 x 12	.50
New England Poultry Journal.....	18	9 x 12	.50
Northwestern Poultry Journal.....	40	9 x 12	.50
Ohio Poultry Journal.....	32	9 x 12	.50
Pacific Poultryman.....	16 to 24	9 x 12	.50
Pheasant and Squab Journal.....		8 x 11	1.00
Poultry Keeper.....	24 to 32	9 x 12	.50
Poultry Tribune.....	32 to 48	9 x 12	.50
Poultry Herald.....	32	9 x 12	.50
Poultry Topics.....	24	9 x 12	.25
Poultry Farmer.....	24 to 32	10 x 14	.50
Poultry Success.....	24 to 32	9 x 12	.50
Poultry Culture.....	24 to 32	8 x 12	.50
Poultry Gazette.....	20	11 x 14	.35
Reliable Poultry Journal.....	80 to 160	9 x 12	.50
Southern Fancier.....	24	9 x 12	.50
Southern Poultry Journal.....	16 to 20	11 x 15	.50
Western Poultry Journal.....	32 to 64	9 x 12	.50

The Best Agricultural Papers

We also take subscriptions for the best agricultural and dairy papers published in America, as follows:

Name of Publication.	Price Per Year.	Name of Publication.	Price Per Year.
American Agriculturist (weekly, any edition,).....	\$1.00	Hoard's Dairyman (weekly).....	\$1.00
Agricultural Epitomist (weekly).....	.50	Indiana Farmer (weekly).....	1.00
American Gardening (weekly).....	1.50	Iowa Homestead (Weekly).....	1.00
American Swineherd (monthly).....	.50	Metropolitan and Rural Home.....	.50
American Stock Keeper (weekly).....	1.00	Michigan Farmer.....	.60
Breeders' Gazette (weekly).....	2.00	Nebraska Farmer (weekly).....	1.00
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635450 - pg-30 mid-right
681752 - page-26 top-left
716377 - page-24 bottom

Posted on November 16, 2020
By Brian D. Szafranski, Elma NY USA

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THE CYPHERS AT WORK IN 1903.

"EVERY CYPHERS CUSTOMER IS A CYPHERS FRIEND."

Each incubator we send out is sold with the distinct understanding that it will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the price paid for it will be refunded.

"My First Hatch for this Season."

Oak Ridge, La., Feb. 20, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
My Cyphers Incubator works like a charm. It has just given me 77 chicks out of 82 fertile eggs, my first hatch for this season.
J. S. ROLFE.

"An 85 Per Cent Hatch in Month of January."

Pottstown, Pa., Jan. 25, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
I received the 1903 Catalogue on Saturday, for which accept my thanks. I purchased a 220-egg "Cyphers" from your agents, Messrs. Johnson & Stokes, about four weeks ago and just finished an 85 per cent hatch on Friday, with a misfit lot of eggs I got together the best way I could. Of all incubators, the "Cyphers," I think is THE incubator.
JOHN P. MYERLE.

"From 190 Fertile Eggs I Got 176 Fine Chicks."

Auburndale, Mass., Feb. 20, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
I am keeping 400 fowl and hatch 1,000 chicks every spring. I am using two 220-egg Cyphers Incubators, two style A brooders and six ——— brooders. Your incubators are very satisfactory and I feel proud of them. I HAD A HATCH COME OUT LAST WEEK AND FROM 190 FERTILE EGGS I GOT 176 CHICKENS, AS FINE A LOT AS THERE IS IN THE COUNTRY. MY CYPHERS BROODERS are giving excellent satisfaction. I prefer them to any I have used or seen.
THE CYPHERS CHICK FOOD cannot be beat to bring the chicks along, in fact, EVERY ARTICLE I HAVE PURCHASED FROM YOU has proved more satisfactory than I expected. Before I used the Cyphers goods it was all up-hill work, with poor results. I recommend the Cyphers Incubators every time, because I know what they are.
J. F. RYAN, 157 Pine Street.

Reports on First Three Hatches—Mid-winter Work!

Burlington, Kan., Feb. 22, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
About December 10th, last, my daughter, Mrs. G. G. Whistler, of this place, purchased of your Chicago house a No. 2 incubator and a style A outdoor brooder, and since that time has taken off three hatches. Considering that we used such eggs as could be obtained at the village stores and from neighboring farmers, we have, we think

done very well. Here are the correct figures for the three hatches, copied from our record:

1st. hatch,	93 chicks from	130 untested eggs.
2nd, "	109 "	" 140 "
3rd. "	158 "	" 200 "

We have lost out of the whole lot, only twelve chicks. Our success has created a little whirl of excitement in the poultry business in this vicinity—see newspaper clipping herewith. We wish you deserved success, and thank you for prompt and liberal treatment.
H. R. FLOOK.

Total Stranger to Us—Not Even a Customer!

Revere, Mass., Feb. 23, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
I thought you would feel pleased to hear from a stranger to you, and one who has for the first time been running one of your incubators. A friend of mine purchased one of your 360-egg machines in Boston, and on account of a death in the family, sold it to me for \$25.00. On the 30th day of January I filled it with 360 W. P. Rock eggs, and on the 20th of February I took out of the machine 290 well hatched chickens. After my first test on the 14th, I had left in the machine 299 eggs, and as I said, I now have 290 of the strongest chickens I have ever hatched. Have been in the business for the past 20 years, using five hot water machines of different makes and I never got, at the best, over 50 per cent. from any one of them, and what I did hatch were not as well hatched as the ones that came from the Cyphers.
For the first two weeks, if it had not been for turning the eggs and care of lamp, I could have locked the door and gone away on a vacation and found everything all right when I returned. When I think of the trouble and worry I have had with the other makes and the little work I have had with the Cyphers, it is a pleasure for me to write you this letter and say to you, your machine is what you say of it, and you cannot say too much.

There is no trouble with the regulator.
There is no trouble with the ventilation.
There is no trouble about moisture.
And last, but not least, no dead chicks in the shell.

I wish everyone who is in the business, and all who think of starting could have had the care of my machine on my first hatch and looked into it for the last thirty-six hours of incubation—It would have been better than reading all the testimonials ever published. I shall put in one or two more Cyphers Incubators in March.

F. H. PRESCOTT, 145 Proctor Avenue.

Breeder of Light Brahms for 20 years.

CHEAP BROODERS AND HOME-MADE AFFAIRS UNSAFE!

For illustrated, detailed description of the Cyphers Indoor, Outdoor and Sectional Brooders, see pages 31-38 of complete Catalogue "How to Make Money with Poultry and Incubators."

"No More Cheap Brooders for Him."

Luther, Mo., Jan. 31, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
Your incubators are better than you claim them to be. Last summer was my first work with incubators. I made four hatches and averaged 86 per cent. Had never seen an incubator before, but found no trouble to hatch with yours. I had some low-priced brooders from another company, and broke the record with them by raising three chickens out of 280. After four days use the corners sprang open and kept this up until the chicks could run in and out through the openings. Such cheap brooders are worse than none. I won't make a mistake like that again. You may use this for a testimonial if you see fit.
EDW. DREWEL.

"I Made a Brooder of My Own."

Reservoir, Ohio, Feb. 8th, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
Please send me your last incubator and brooder book No. 2. I wish to purchase a brooder, or possibly two. I made a brooder of my own last spring and one night the lamp exploded and killed sixty as nice young Barred Plymouth Rock chickens as you would want to see. Now I think I will buy a good brooder. I have one of your incubators

and am well pleased with it. I have operated it two seasons and had good results. It is easy to operate and hatches fine, strong, healthy chickens.

HARVEY THORNTON.

"Cyphers Outdoor Brooder put to a Severe Test."

Westalton, Mo., Feb. 23, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
Three years ago this spring I bought of your agent, Mr. Henry Steinmesch, of St. Louis, a No. 1 Incubator and a Style A Outdoor brooder and have used them successfully ever since.
Having no shed to store the brooder in, it has stood out in the weather ever since I bought it.
This winter I have given it the most severe test I ever heard of. I took off a hatch of 65 chicks Feb. 4th and placed them in the brooder. February 14th it began snowing at night and in the morning the brooder was covered with three inches of snow. During the 15th and 16th a blizzard raged and the temperature dropped 10 degrees below zero and we easily kept a temperature of 90 degrees under the hover. We have only lost two of the chicks, and the other 63 are as hearty and thrifty a lot of chicks as I ever saw. We have not, as yet, let them out of the brooder.

W. G. DAVIS
Breeder of White Plymouth Rocks and
Silver Laced Wyandottes.

CYPHERS CHICK FOOD.

A complete food for young chicks, consisting of eleven different grains and seeds proportioned to meet all the needs of growing chicks and to fully nourish them.

CHICKEN LIFE INSURANCE AT \$2.50 PER 100 POUNDS.

"No Bowel Trouble.—No Leg Weakness."

Waldron, Mich., Nov. 4, 1902
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
I believe your Chick Food is the cheapest food we ever fed, cheapest because there is no bowel trouble, no leg-weakness or dumpy chicks when fed according to directions.
A. R. KNOWLES.

"The Difference is Astonishing."

Alfred, N. Y., Feb. 2, 1903.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
It is with pleasure that I write in commendation of Cyphers Chick Food. My experience with chickens has taught me that small chicks want dry food. They do not do well on wet corn meal or bread

and milk, and the difference in the per cent of good, healthy chickens when fed on Cyphers Chick Food is astonishing.

A. J. TOWNER.

"Perfectly Free From Bowel Trouble"

North Hector, N. Y., Jan 27 '03.
CYPHERS INCUBATOR CO., BUFFALO, N. Y.
We have used your Cyphers Chick Food during the past year and have found it highly satisfactory. Before using your chick food we used Oat Flake, etc., and were continually losing chickens. One lot of chickens were fed nothing but Cyphers Chick Food. Of this lot we did not lose a single one and they were perfectly free from bowel trouble and grew more rapidly than we ever had chicks grow before. I know that it pays to use Cyphers Chick Food.

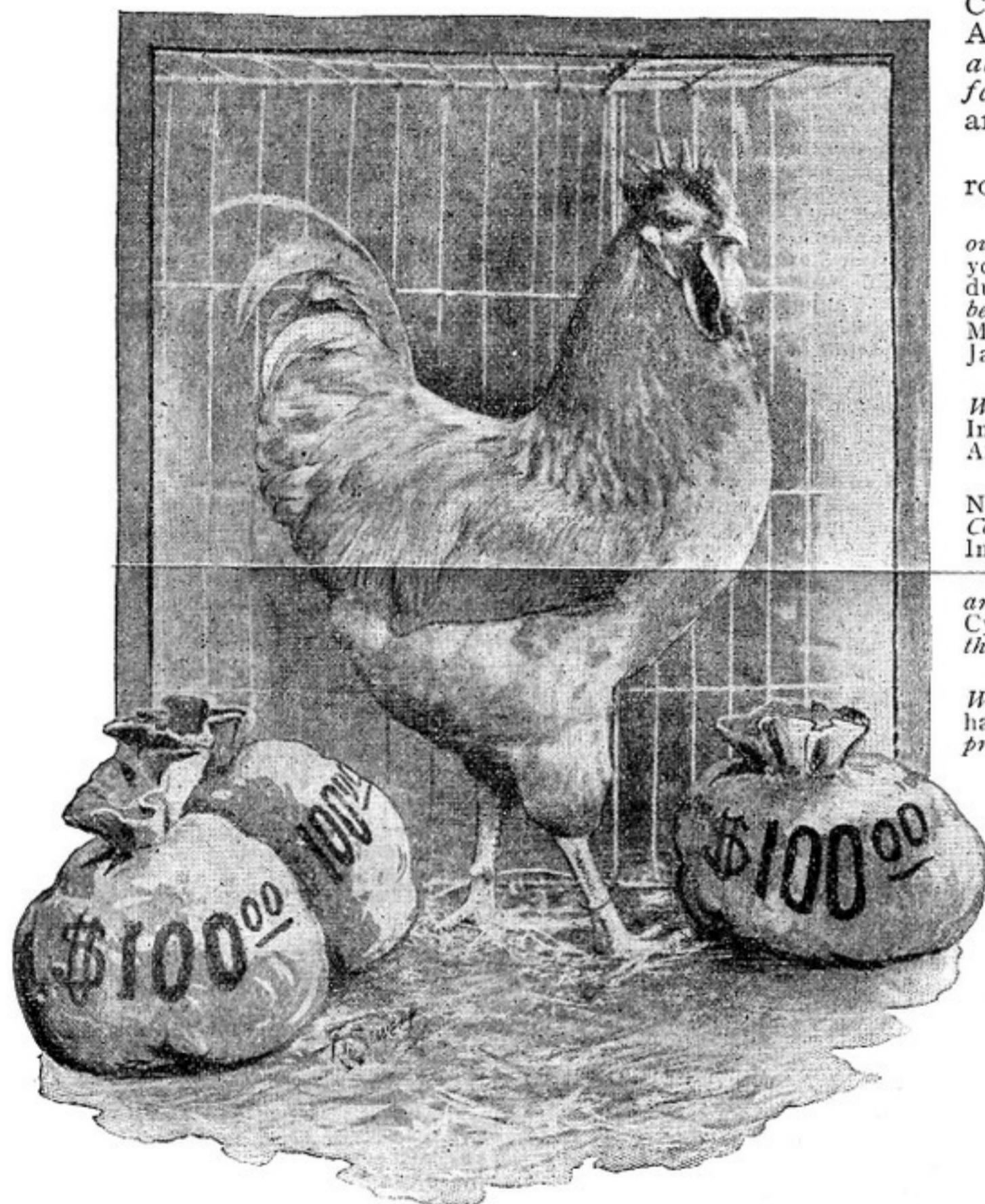
K. M. CHRYSLER.

Not Alone "How Many," But also "How Good."

A POULTRY FACT of highest importance is set forth in those words! In buying and operating an incubator, it is not merely a question of "HOW MANY CHICKS" can be hatched; an equally important point is "HOW WELL-HATCHED WILL THEY BE," in order that they may live and grow properly. The Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self-Regulating

CYPHERS INCUBATORS

will hatch not only the largest percentages of fertile eggs, but positively and invariably will produce larger, stronger, and better chicks and ducklings than any other style or make of incubator in the world. **This we guarantee.**



"THE \$300.00 COCKEREL."

Hundreds of similar letters from other foremost fanciers and from poultry raisers of all descriptions will be found in our complete Catalogue and Guide for 1903, entitled "**How To Make Money With Poultry and Incubators.**"

If you haven't a copy of this 196 page, finely illustrated and valuable book, send 10 cents in stamps to pay postage, and we will mail you one free.

CYPHERS QUALITY.

There is a "Cyphers quality" to chicks hatched by the Cyphers Patent-Diaphragm, Non-Moisture and Self-Ventilating Incubators that positively is not present in those hatched in the old style machines. One clause of the warrant and guaranty of the Cyphers Incubator Co. is that the Cyphers Incubator "will produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator." Remember, too, that the incubator you use is the "neck of the bottle" and will have much to do with your success or failure for the entire season. **BE WARNED IN TIME!** True, Cyphers Incubators cost a little more than do some others, but **THEY ARE WORTH A GOOD DEAL MORE.** Why not buy "the best incubator," while you are about it—**THEN YOU WILL KNOW YOU ARE RIGHT!**

THE PROOF IS NOT FAR TO SEEK. At the time the Cyphers was placed on the market, six years ago, the fanciers of America, for reasons well known to themselves, had practically abandoned the use of incubators in the production of exhibition fowls. WHAT OF TO-DAY? Now hundreds of them are using and praising the Cyphers.

Herewith are a few sample cases, as many of them as we have room for on this page:

Boston, 1903: CYPHERS INCUBATOR CO.—It will interest you to know that our First Prize Buff Plymouth Rock Cockerel at Boston was hatched in one of your machines. This bird was pronounced the best one of the variety ever produced, and we sold him for \$300 to the Exmoor Poultry Farm, Lebanon, Pa., this being the highest price ever paid in this country for a single bird of any breed.—MILLVILLE POULTRY FARM CO., M. F. Delano, President, Millville, N. J., Jan. 24, 1903.

New York, 1903: CYPHERS INCUBATOR CO.—My First Prize Silver Penciled Wyandotte Cockerel at Madison Square Garden was hatched in my Cyphers Incubator, also the First Prize Cockerel of the same variety at Detroit.—AUG. D. ARNOLD, Dillsburg, Pa., Jan. 28, 1903.

New York, 1903: CYPHERS INCUBATOR CO.—All the birds I had at the recent New York show, the First and Second Cocks, the First and Second Hens, also the Cockerel at the head of the first exhibition pen, were hatched in my Cyphers Incubator.—C. J. ANDRUSS, Canandaigua, N. Y., Jan. 26, 1903.

Boston, 1903: CYPHERS INCUBATOR CO.—Every Cochon Bantam Cockerel and Pullet that I showed at New York and Boston this Winter were hatched in Cyphers Incubators. At the two shows I won twelve firsts, eleven seconds and ten thirds.—Dr. WM. Y. FOX, Taunton, Mass., Jan. 23, 1903.

New York, 1903: CYPHERS INCUBATOR CO.—Two of the three First Prize Winners in Buff Plymouth Rocks shown by me at New York this year were hatched in a Cyphers Incubator, also three of the four pullets shown in my first prize exhibition pen.—Dr. O. P. BENNETT, Mazon, Ill., Jan. 22, 1903.

New York, 1903: CYPHERS INCUBATOR CO.—My First Prize Single Comb White Leghorn Cockerel at Madison Square Garden this year was hatched in the Cyphers Incubator. All my birds, many prize winners included, have been hatched in Cyphers Incubators during the last four years.—D. W. YOUNG, Highland, N. Y., Jan. 31, 1903.

Chicago, 1903: CYPHERS INCUBATOR CO.—All my White Plymouth Rock winners at the Chicago Show, Jan. 19-24, 1903, were hatched in Cyphers Incubators, as follows: First, cockerel; first, second and third pullets, first exhibition yard and second hen.—J. L. JEFFERSON, Des Plaines, Ill., Feb. 10, 1903.

New York, 1903: CYPHERS INCUBATOR CO.—Am pleased to inform you that my First Prize White Wyandotte Cock at New York was hatched in your No. 2 incubator. He won special for best shaped male. I consider this proof that as well developed birds can be hatched in your incubator as under hens.—W. R. GRAVES, West Springfield, Mass., Jan. 24, 1903.

Chicago, 1903: CYPHERS INCUBATOR CO.—My First, Second, and Third Barred Plymouth Rock Pullets at the recent Chicago Show and all the pullets in my First Prize Pen at this Show were hatched in Cyphers Incubators. F. W. RICHARDSON, Hicksville, O., Feb. 11, 1903.

CYPHERS INCUBATOR COMPANY,

BUFFALO, N. Y.
Court and Wilkeson Streets.

BOSTON, MASS.
34 Merchants Row.

CHICAGO, ILL.
325 Dearborn Street.

NEW YORK, N. Y.
23 Barclay Street.